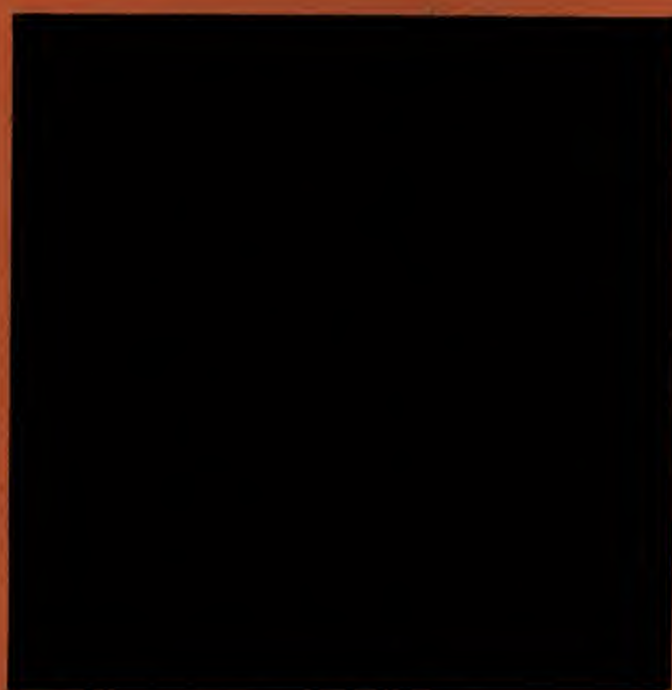




*The* **Chain-link Fence Co.**  
CHICAGO, ILLINOIS





# The Chain-link Fence Co.

CHICAGO, ILLINOIS, U. S. A.



SOLD AND ERECTED EVERYWHERE

(See list users, page 47)

Write for name and address of nearest  
branch office, distributor or sales agent

*100*

CATALOG NO. 6





CHICAGO



ILLINOIS



## Every kind of Property is benefited in some way by a good fence enclosure



Every kind of Property is benefited in some way by a good fence enclosure.

ATHLETIC FIELDS, FAIR GROUNDS, RACE TRACKS desire to control large crowds, safeguard gate receipts, keep up paid admissions and preserve premises in condition and appearance.

INSTITUTIONS, HOSPITALS, SANITARIUMS, ASYLUMS, protect patients and inmates, —keep them from straying into harm, both to themselves and the public.

PARKS, GOLF AND COUNTRY CLUBS, CEMETERIES, ESTATES want to prevent thieving, destruction of grounds, flowers and costly landscape work, by mischievous persons, dogs, stray animals, trespassers, campers, picnickers, and reduce maintenance costs. Exclusion with inviting appearance, reduce upkeep cost of grounds.

SCHOOL YARDS, PLAYGROUNDS, SWIMMING POOLS. Growing childhood must be conserved in this automotive era. The eager, heedless youngster is too apt to run into unseen danger—perhaps death. It becomes the duty of school authorities to provide proper fence safeguard and parents should insist on it. Systematic and disciplinary control of the child's play has today a large place in our educational methods.

FACTORIES, MILLS, MINES, OIL REFINERIES and TANK FARMS, LUMBER, COAL AND MATERIAL YARDS, RAILROAD SHOPS and YARDS, etc., require unclimbable fence protection against trespassers, hoodlums, vandals, miscreants, thieves and trouble makers. Fence protects against fire and controls movements of employes. Reduce yard watchmen cost.

TRANSFORMER STATIONS, POWER PLANTS, CHEMICAL, EXPLOSIVE and other

hazardous plants, where there is great danger to the public. It is better wisdom and economy to have a fence than a damage suit.

AUTO PARKING YARDS, USED CAR DEALERS, GASOLINE FILLING STATIONS, STORAGE YARDS, CONTRACTORS' YARDS. So many uses develop constantly it becomes impossible to mention them.

FILTRATION PLANTS, WATER WORKS, PUMPING STATIONS. The public water supply must be carefully protected. Reservoirs have been cleaned and found to contain dead animals; even a human body was found in an eastern reservoir.

TENNIS COURTS, BASEBALL BACKSTOPS. All followers of sports appreciate good equipment and our fence for this purpose provides the highest type.

ANIMAL and BIRD ENCLOSURES and CAGES for zoos, private estates, sanctuaries, fur farms, and kennels, made of Chain-Link fabric are unexcelled. We will gladly furnish special design on request. Breeders of fine horses say that Chain-Link fencing prevents horses getting their hoofs through, as with ordinary fencing; thus they avoid injuries and blemishes.

CHAIN-LINK FENCE PROMOTES CLEANLINESS AND ORDERLINESS. Wood fence shuts out light, invites dumping of rubbish. Is little used today and is rapidly being replaced everywhere by CHAIN-LINK.

In the following pages are shown styles and types of fence in actual photographic reproduction and with detailed description. Users have naturally selected styles best suited for their purpose.





CHICAGO



ILLINOIS



## To the Public

THE Chain-Link Fence Company, with manufacturing facilities at Goodfield, Illinois, warehouse stocks at advantageous centers, and distributors, branches, or sales agencies in many parts of the United States, has become a nation-wide universal

### Fence Service

The members of our organization through continued efforts

### Since 1912

have pioneered and progressed in this business until today the customer can find here a complete assumption of full responsibility for the planning, furnishing and installation of his fencing problem. Herein we present a variety of styles and grades of Chain-Link fence and gates, Ornamental Iron Picket fences and gates, Wooden Industrial fence, concrete posts and enclosures, which will meet almost every requirement.

### Special Fabrics

are supplied of meshes not ordinarily stocked. ALUMINUM ALLOY fabrics are finding some demand. Also fabrics of COPPERWELD WIRE, which has a steel center with 30% copper covering which is thoroughly welded or fused to the core in such a manner that the process insures the high tensile strength of the steel, together with recognized resistance to corrosion of copper.

### "Ductile-Kote"

"DUCTILE-KOTE" Chain-Link fabric of IRON wire is made by us exclusively of a patent process coated wire wherein zinc is alloyed with the base metal so as to form a perfect unit or bond. It may be bent and twisted repeatedly at the same place without fracture or break in the coating. Get a sample and try it. Twist it around itself—the most grueling

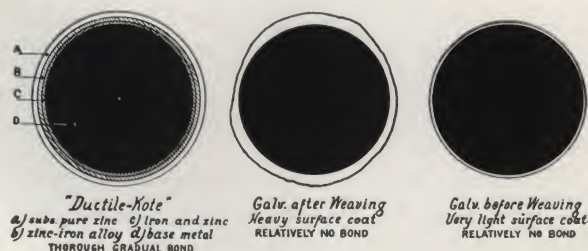


Fig. III.

test. Get sample from others and try it. This better fabric is now offered the public at a cost no higher than galvanized after weaving. Microscopic study of a cross-section of "DUCTILE-KOTE" reveals four structures (see Fig. III). Note comparative cross sections of GALVANIZED AFTER and of commercial wire, galvanized *before* weaving. The latter grade of fabric may be had for special requirements at lower cost. It can be used safely indoors for partitions. May also be had ungalvanized.

Following is analysis of "DUCTILE-KOTE":

Carbon .....	.13
Manganese .....	.42
Sulphur .....	.034
Phosphrs. ....	.026
Silicon .....	trace
Copper .....	.025

Note high manganese and low carbon and sulphur content.

Fence users demand fabrics of better quality because of rusting of ordinary galvanized wire. "GAL. AFTER" was introduced because several attempts to weave heavily galvanized wire into Chain-Link failed. This was correct so far as it went, but wire, heavily galvanized by the ordinary method, breaks or fissures the zinc coat during weaving. The INFERENCE is that rust will start at these joints of Chain-Link mesh. Just the reverse happened and the span wires which run from joint to joint, and which are exposed to the beating of winds and weather, rusted first. The joints, being somewhat sheltered by one another, were found in far better state of preservation. You can find miles of such old Chain-Link fencing to corroborate this statement.

"DUCTILE-KOTE" overcomes this difficulty as proven by tests. It gives you a superlative "BASE METAL" and a coat, which, by its very nature demands the very purest of zinc coating, without adulteration to bring about "silvery sheen."

"DUCTILE-KOTE" wire fabric is *not* galvanized after weaving. To galvanize it after weaving would defeat our very purpose, because such a coating would have no bond. After many experiments and abusive tests to which no wire previously had ever been subjected, we were ready to make it into a fabric. We insisted upon wire of an iron base metal with coating process to make fabric which will not become injured in weaving, WILL NOT CRACK or PEEL OFF and which it will not be necessary to galvanize after weaving. This has been attained in "DUCTILE-KOTE."

Our GALVANNEALED wire fabrics are better than the ordinary merchant galvanized wire, having slightly heavier coating,—but not nearly like "DUCTILE-KOTE." Galvannealed is heat treated to render the coating uniform and is partly amalgamated with the base steel wire.

"Galv. after" fabrics of copper-bearing steel are described on page 4.

## Our Guarantee

This covers all material and workmanship, to be as represented herein and may be returned at our expense of transportation upon proper showing that it is otherwise. WE further guarantee our GALVANIZED AFTER WEAVING or DUCTILE-KOTE not to rust out for a period of TEN YEARS under customary usage and in normal atmospheric conditions. (You will get much longer service, but we must necessarily place a limit and we must establish conditions of use as there are certain conditions under which no metal can survive.)





CHICAGO

The Chain-link Fence Co.

ILLINOIS

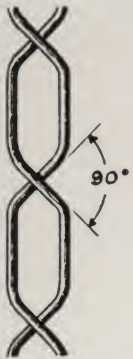
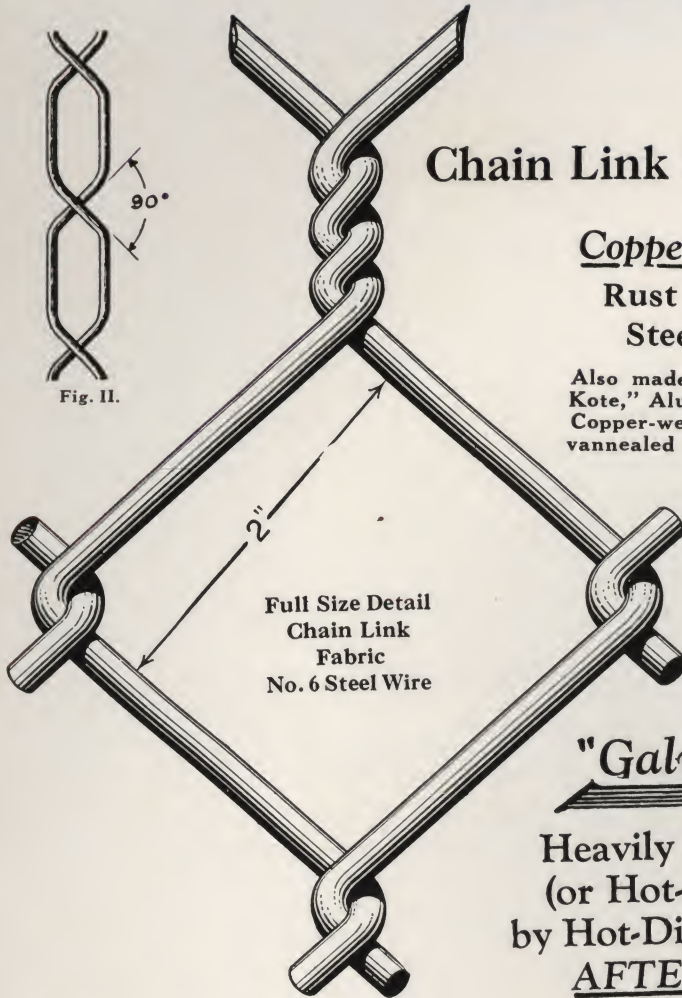
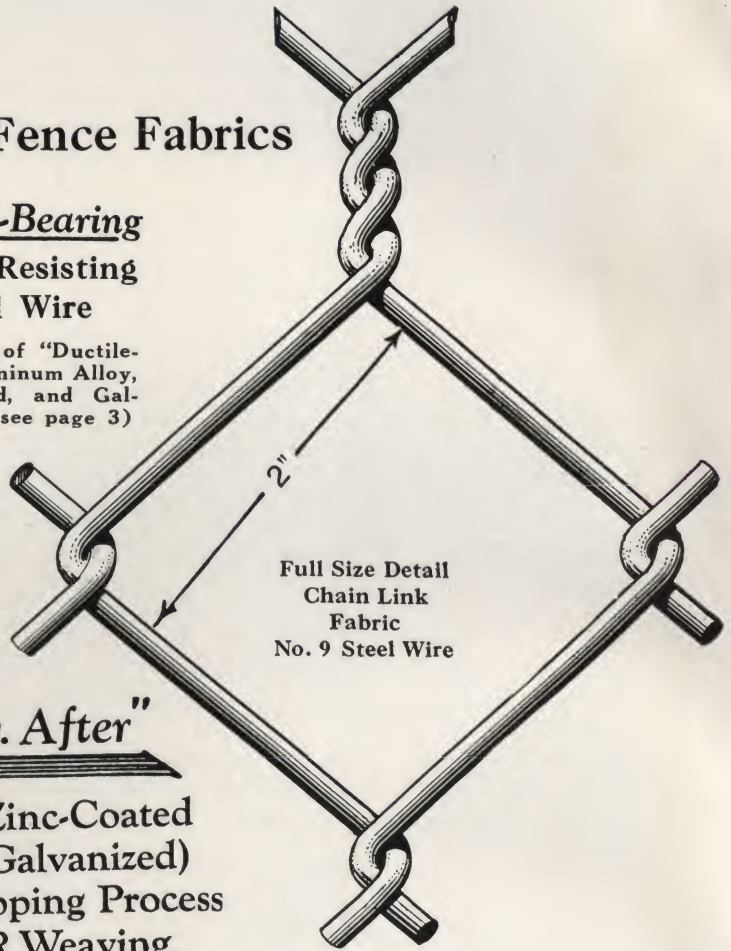


Fig. II.

## Chain Link Fence Fabrics

Copper-Bearing  
Rust Resisting  
Steel WireAlso made of "Ductile-  
Kote," Aluminum Alloy,  
Copper-weld, and Gal-  
vannealed (see page 3)Full Size Detail  
Chain Link  
Fabric  
No. 6 Steel WireFull Size Detail  
Chain Link  
Fabric  
No. 9 Steel Wire"Galv. After"  
Heavily Zinc-Coated  
(or Hot-Galvanized)  
by Hot-Dipping Process  
AFTER Weaving

We have been manufacturing these fabrics at Goodfield for over twenty-five years, heretofore almost entirely for other large fence concerns. Our product needs no introduction.

STEEL WIRE used by us is open-hearth copper-bearing, specially drawn for our purpose. It is sufficiently hard to produce a stiff, springy and resilient fabric. CHAIN-LINK is an interlinking, flattened spiral of wire and when loose forms a collapsible netting. It depends upon proper stretching for its usefulness as a fence. Hence it must have springy qualities, otherwise the wire will soon "fatigue" or sag and lose its effectiveness. Our looms are so built as to have the joints, where they interlink, cross each other at exactly 90° angles (see Fig. II); this results in a self-centering fabric which, upon stretching, is more easily handled without adverse strains and without injury to the GALVANIZED coating.

The use of COPPER-BEARING wire is an advanced step in good wire products. Its proven rust-resisting qualities have been so thoroughly tested out by exhaustive research and investigation by the Bureau of Standards at Washington and the American Society for Testing Materials, Philadelphia, from whom bulletins can be secured which will convince the most skeptical.

COATING the Fabric. Too much has been said about "new" process galvanizing after weaving.

Fabrics have been so galvanized for decades, the results depending largely upon the formation of the mesh, the grade of zinc spelter used, the care in handling, etc. Our perfect weave 90° angle mesh permits free interlinking without soldered joints, attaining fully the quality of heavy coating desired. It receives a pure hot zinc dip coating—140 to 145 pounds per ton of wire and will last many times longer than fabric of ordinary commercially galvanized wire.

No process, either mechanical or chemical is used by us to remove any portion of this high "gain" of zinc adhesion in the galvanizing process to reduce production costs. Hence fabrics of our make have shown better wear under identical conditions of exposure in fences where installed alongside of other makes which are so treated. The customer has but one object in buying "galvanized after weaving," namely, to secure the very utmost in protection to the steel under the coating. It is only by insisting upon "unwiped" fabric that this objective may be obtained. Insist upon this important factor.

Analysis of our copper-bearing steel wire:—

Carbon	.....16
Mang.	.....22
Sulphur	.....06
Phosp.	.....0045
Copper	.....26



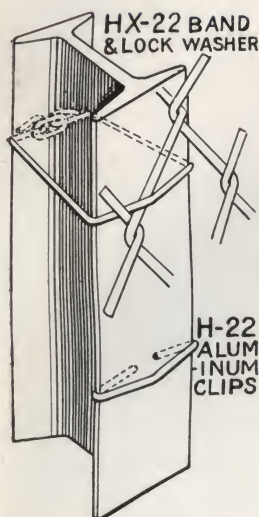




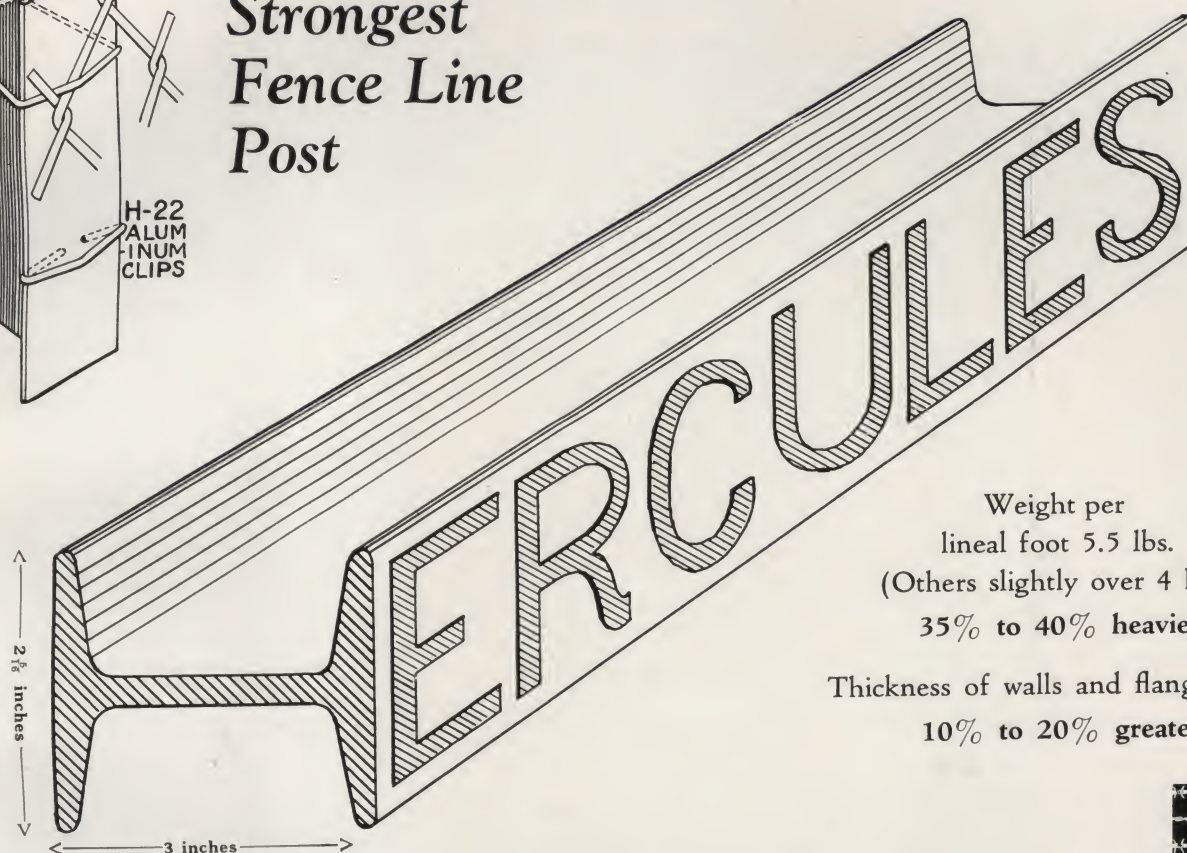
CHICAGO



ILLINOIS



## The Strongest Fence Line Post



Weight per  
lineal foot 5.5 lbs.  
(Others slightly over 4 lbs.)

35% to 40% heavier

Thickness of walls and flanges from  
10% to 20% greater

Dimensions—3 inches by 2 5/16 inches against variously quoted posts of about 2"x2 1/4" by others.

Rust-resisting copper-bearing steel—running well over the required analysis as called for in American Society for Testing Materials manual shown by the following actual laboratory records: four mill heats resulted in copper content and uniformity well above the average requirements of .15% to .30% as shown below.

Heat No.	Carbon	Manganese	Phosphorus	Sulphur	Copper
27242	.16	.43	.012	.023	.24
14801	.14	.43	.009	.030	.24
17496	.19	.43	.009	.029	.23
15620	.15	.49	.009	.028	.25

Fences with these posts are shown in the following pages in several styles, and can be supplied with fabrics of either Copper-Bearing steel — Galvanized After Weaving, Ductile-Kote—non-cracking—super-galvanized, Aluminum-Alloy, or Copper-Weld—(steel core with 30% copper weld covering.)







CHICAGO

# The Chain-link Fence Co.

ILLINOIS



## STYLE 3-TH

Extra Strong Fence, with Toprail and 3 Strands Barbed Wire

### *Hercules H-I Line Post Fence*



*The post  
is the  
backbone  
of the  
fence.*

(See page 5)



Above, 4,000 ft. installation for Grand Trunk Western Freight Terminal, Chicago.

This fence is recommended where maximum strength, longest life and greatest resistance to abuse are paramount factors.

Comparison of these Hercules H-I Beam Intermediate Posts, for weight, dimensions, and thickness, as shown in specifications on preceding page, with similar shaped section posts offered by others, will help influence the prospective purchaser's decision to buy our fence.



This shows our 3-TH Fence enclosing Concord, N. H. Water Works.





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ILLINOIS



## STYLE 3-TH

With Toprail

### Construction Specifications Hercules H-I Post Fence

#### HEIGHT:

7, 8 and 10 ft. overall height including barbed wire arms and 3 strands are carried in stock. Other heights to order.

#### FABRIC:

Chain-Link copperbearing "Galv. After" (see page 4), "Ductile-Kote" "Aluminum-Alloy," or "Copper-Weld" may be used (see page 3). Standard mesh size 2" of No. 9 or No. 6 gauge.

#### LINE POSTS:

Hercules H-I beam intermediate posts, as shown in detail on page 5, are spaced 10 feet apart.

#### END, CORNER, and PULL POSTS:

3" O.D. weigh 5.79 lbs. per lineal ft. with tube and rod braces. Bands of unclimbable bevel edge attach fabric with tension bars. Corner posts have heavy forged steel arm attached to post by collar for support of 3 barbed wire strands at 45° angle, 12 inches above fabric and 12 inches in or out from fence line. Caps keep out moisture.

#### GATES:

May be Cantilever Slide without overhead track, far easier to operate, see page 26. Other swing or sliding gates are found on pages 27 to 29.

#### GATE POSTS:

Of various diameters, have tube and rod braces. (Auxiliary braces where needed. See page 27).

3 inch O. D. for single gates to and incl. 6 ft.  
or double gates 12 ft. wide

4 inch O. D. for single gates 7 to 14 ft.  
or double gates 14 to 28 ft. wide

5½ inch O. D. for single gates 15 to 18 ft.  
or double gates 30 to 36 ft. wide

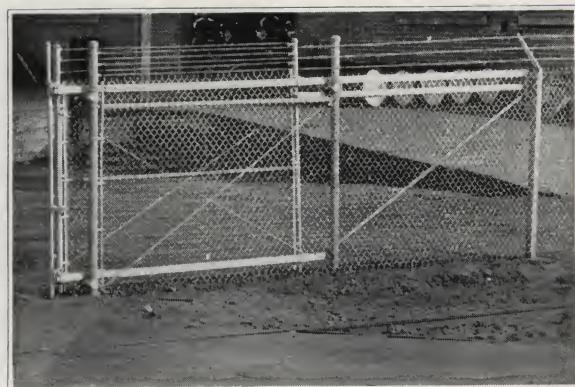
6⅝ inch O. D. for single gates 19 to 22 ft.  
or double gates 38 to 44 ft. wide

8⅝ inch O. D. for single gates 24 ft. and  
wider or double gates 48 ft. and wider

#### BRACES:

Tube 1⅝ inch O.D. placed 4 feet up from grade or higher, extends from end, corner and gate posts to first adjoining line post. Is supplemented by ½ inch solid steel rod, adjustable and placed diagonally in tension.

*Photographic reproductions of this style fence on next pages.*



*The Cantilever Slide Gates (see above) are recommended with our fence to give you the very acme in fool-proof long life fence equipment. (See page 26).*



*3-TH Fence with bottom rail.*





CHICAGO

# The Chain-link Fence Co.

ILLINOIS



(As seen from inside)

## STYLE 3-WH FENCE

Without Toprail



(As seen from outside)

This fence has galvanized reinforcing coiled spring wire at the TOP and BOTTOM. On Style 3-TH this is used **only** along the bottom. This type of fence is perhaps harder to climb, but does not have the trim appearance as Style 3-TH fence with top rail. Construction specifications on page 7 are in all other respects the same.



Style 3-WHV—Simple, rugged; recommended for lumber yards and where inclined arms may be objectionable.

## *Interesting facts about our Hercules H-I Beam Post*

Hercules H-I beam line post fence has met instantaneous success. These posts have been tested and tried. They eliminate internal rust. Cost no more to erect—and little more for material. **47% stronger** by actual authentic test. **56% heavier** (weighs 5.7 lbs. per foot). **29% larger** (measures 2 5/16" x 3") than standard 2 1/2" outside diameter pipe posts which weigh 3.65 lbs. per foot.

(.15% to .30% Copper Content Guaranteed)

Analysis on page 5.

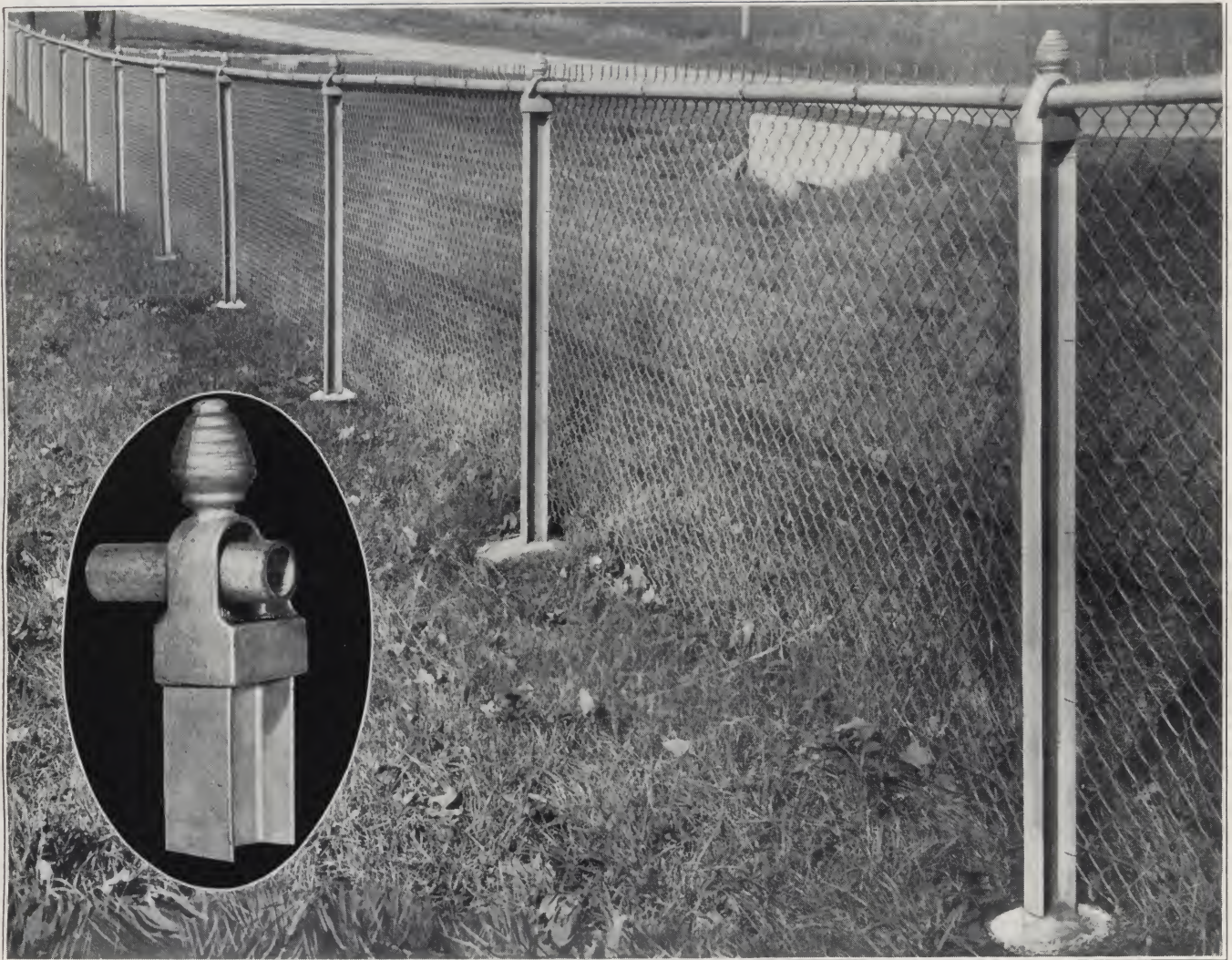




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The Chain-link Fence Co.

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## STYLE OTH FENCE

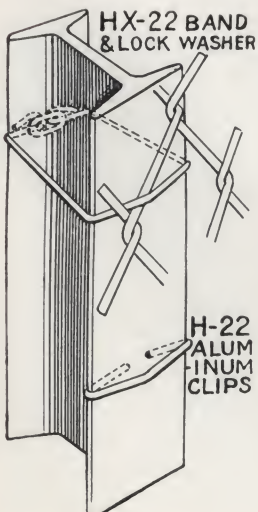
This fence has Hercules H-I intermediate posts, which are illustrated and described on page 5. These are 10 feet apart set into concrete foundations. Truly a

### *Life-Time Fence*

Where No. 6 gauge Chain-Link fabric is used we advocate the use of this style fence.

Construction specifications are the same as those given for Style 3-TH, on page 7—except the omission of extension arms and barbed wire.

School board engineers and prospective purchasers who have large crowds and traffic to control should compare this rugged fence most carefully before accepting lighter specifications.



*Illustration at left shows the rustless "Ductile-Kote" wire fastener HX-22 with lock washer. These are used at top and bottom of fabric. They possess greater strength than aluminum or zinc. The clip style of fasteners are used intermediately.*





CHICAGO

The Chain-link Fence Co.

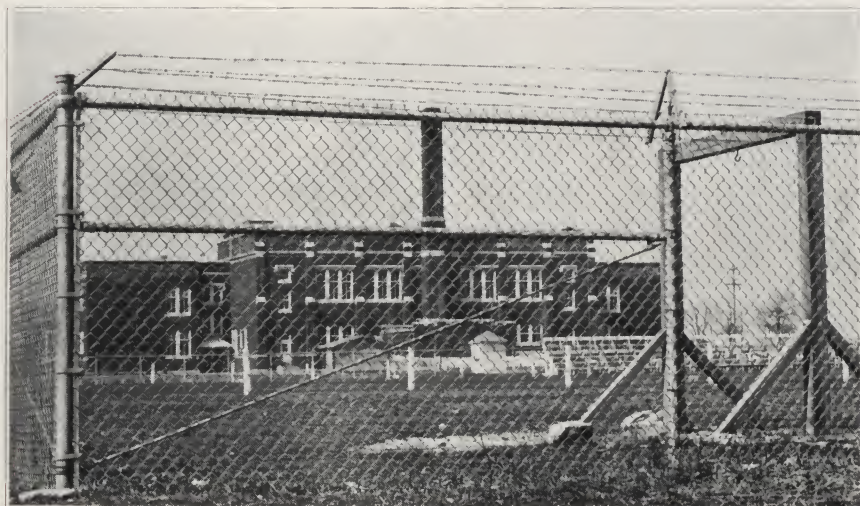
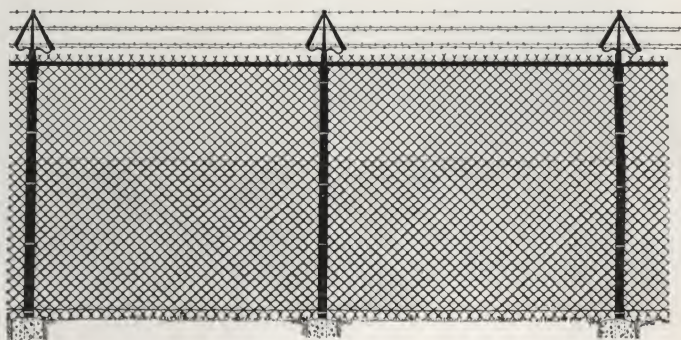
ILLINOIS



## STYLE 5-T FENCE

(With Toprail)

This type of fence has five strands of barbed wire with tubular posts  $2\frac{1}{2}$ " in diameter. It affords double protection against climbing in or climbing out and provides a most efficient barrier. In the above illustration it is used around a baseball park to protect gate admissions to the fullest extent.



Construction specifications for this fence are otherwise the same as for Style 3-T fence and will be found on page 15. Construction drawings, pages 33, 34 and 35.

The illustration at the left shows the same type of fence used for athletic fields, also to insure gate admissions.

Canvas Drops can be furnished, together with attachments for fastening on top rail and at bottom. These curtains are removable and can be easily rolled up and stored away.





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The Chain-link Fence Co.

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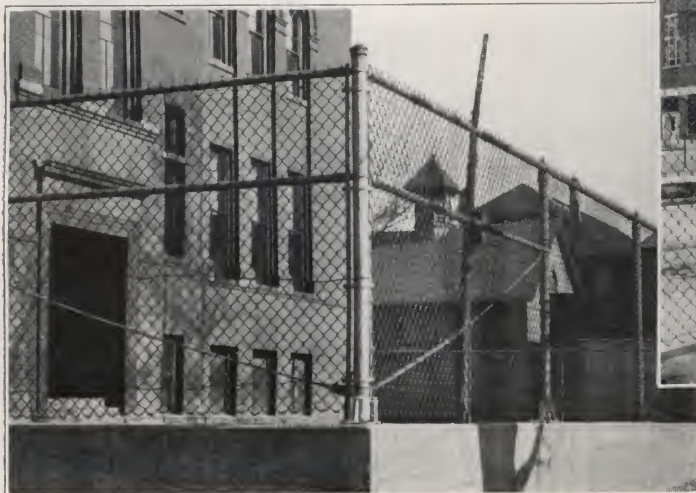
## STYLE OT FENCE

*For Construction Specifications See Page 13.*

*Drawings pages 33, 34 and 35.*

This style of fence is used considerably for schools, industries, playgrounds, estates, cemeteries, golf clubs, and the many other uses where the barbed wire extension arms are not so essential, but where, nevertheless, an efficient unclimbable

mesh fence is wanted. The barbs of the fabric, which are sharp and durable, (see page 4) project above the top rail and thus prevent climbing.



The above illustration shows Style OT Fence set directly into soil with concrete foundations. Note on all fences the coiled galvanized reinforcing along the bottom. The illustration at the left is a style of fence placed with post flanges on top of the concrete wall. Expansion bolts are used.

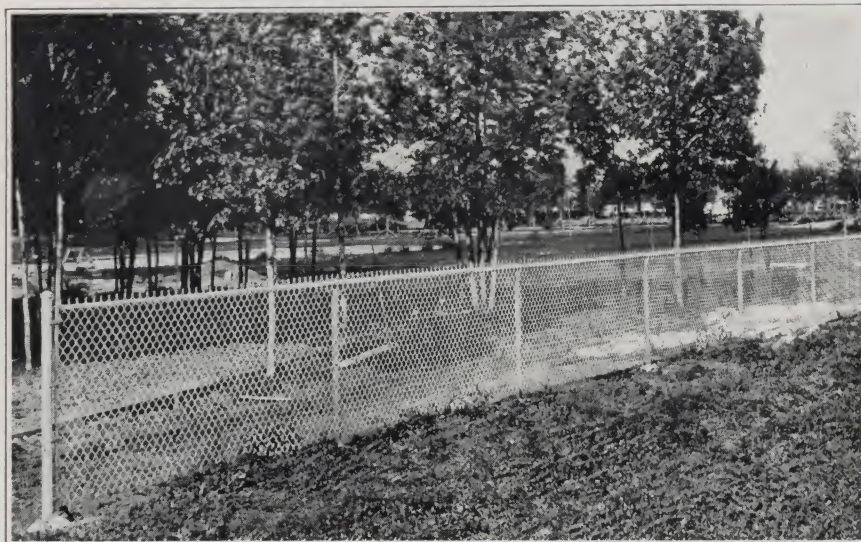




CHICAGO

# The Chain-link Fence Co.

ILLINOIS



## STYLE OT

(With Toprail)

The illustration at the left shows our Style OT Fence 4 ft. high installed in concrete around the private estate of Mr. J. Harry Phelan, Beaumont, Texas. About 2,500 ft. were installed, part of the rear fence where greater protection was desired being 6 ft. high.

Style OT Fence shown at the right is 5 ft. high for a suburban lot division fence.



SWIMMING POOLS are often enclosed with this style of fence and in such cases we recommend knuckled edges on the bottom of the fabric to prevent injury to feet of bathers.



Style OTM illustration at the left shows a 6 ft. fence of our medium construction wherein the posts are 2" with 1 5/8" top rail. The fence is otherwise the same as Style OT.

11,000 ft. were installed for the Sportsmen's Golf and Country Club, Northbrook, Illinois.

For construction details see page 13.





CHICAGO

The Chain-link Fence Co.

ILLINOIS



## STYLE OT FENCE

(With Toprail)

No barbed wire.

Standard Construction Specifications.

Drawings pages 33, 34 and 35..

### FABRIC:

Chain-Link copper-bearing "Galv. After" (see page 4), "Ductile-Kote," "Aluminum-Alloy," or "Copper-Weld" may be used (see page 3). Standard mesh size 2" of No. 9 or No. 6 gauge.

### POSTS AND RAILS:

Hot Dip galvanized full weight tubular copper-bearing steel. For standard weights and diameters see page 35.

### LINE POSTS:

2½" O.D. spaced 10 feet apart, weigh 3.65 lbs. per ft., extend 30 to 36 inches below grade set into reinforced concrete bases of sizes as required by soil conditions. These bases to go 3" or more below end of post. Malleable bases fit over posts to exclude moisture.

*May be had with Hercules Posts.  
See Style OTH.*

### TOP RAIL:

Full weight, 1½" O.D. connected by expansion sleeve couplings.

### END, CORNER, AND PULL POSTS:

3" O.D. weigh 5.79 lbs. per lineal ft. with tube and rod braces. Bands of unclimbable bevel edge attach fabric with tension bars. Caps keep out moisture.

### GATES:

May be Cantilever Slide without overhead track, far easier to operate. See page 26. Other swing or sliding gates are found on pages 27 to 29.

### GATE POSTS:

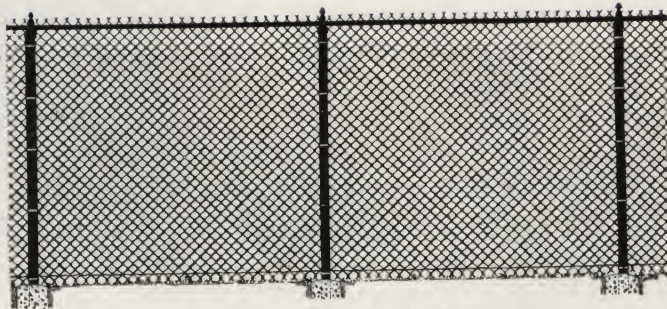
Of various diameters, have tube and rod braces. Auxiliary braces where needed. See page 28.

3" O.D. for single gates to and incl. 6 ft. or double gates 12 ft. wide.  
4" O.D. for single gates 7 to 14 ft. or double gates 14 to 28 ft. wide.  
5½" O.D. for single gates 15 to 18 ft. or double gates 30 to 36 ft. wide.  
6½" O.D. for single gates 19 to 22 ft. or double gates 38 to 44 ft. wide.  
8½" O.D. for single gates 24 ft. and wider or double gates 48 ft. and wider.

### BRACES:

Tube 1½ inch O.D. placed 4 feet up from grade or higher, extends from end, corner and gate posts to first adjoining line post. Is supplemented by ½" solid steel rod, adjustable and placed diagonally in tension.

(Note: Makers of steel posts, to be driven in the soil, recommend that their end, corner and gate posts must be set into concrete "for permanence.")



Style OT.—Has top rail. No barbed wire.

*Photographic reproductions of this style fence on next pages.*



Ornamental cap fits down over post to keep out water. Top rail passes through eye and will conform to various grades.

Style OT fence is used for schools, estates, club grounds, institutions, cemeteries, parks, playgrounds, and asylums. In fact, wherever property protection is wanted, and where the added overhead barbed wire strands are not so requisite. Also furnished with HERCULES H-I posts. See page 9, or lighter construction style OTM. See below.

## STYLE OTM FENCE

MEDIUM WEIGHT Fences up to 6 feet high have 2 inch outside diameter line posts, with 2½ inch outside diameter end and corner posts. For walk gates 2½" posts may be used but for larger gates 3" are advisable. Gates for these lighter style of fences are of 1½" diameter frame.

See page 12 for photographic illustrations of this fence.





CHICAGO

The Chain-link Fence Co.

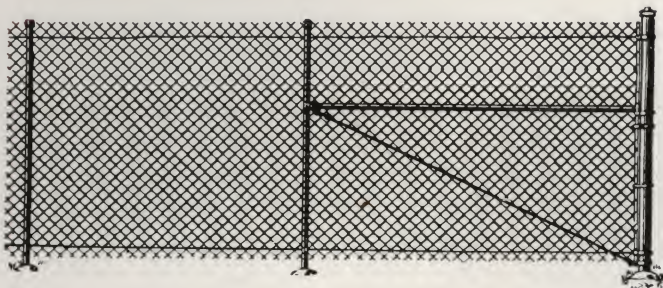
ILLINOIS



## STYLE OW

(Without Toprail)

This style OW fence is in all respects the same as style OT except that it has no top rail. In its place a coiled galvanized steel spring reinforcing wire



is stretched—the same as is used at the bottom. It offers fence protection of an effective unclimbable type at lower cost, and is recommended for this purpose. Many times OT is used in front because of its more substantial appearance, with style OW for the sides and rear of property.

In the above fence, the line posts are 2½" outside diameter tubular galvanized for fences 6 ft.

high and over, 2" diameter for 5 ft. high and under. We do, however, make the 6 ft. high with 2" diameter posts when wanted. The larger posts are naturally recommended when heavy fabric is used.

End, corner and gate posts are braced with standard tube and rod tension braces.

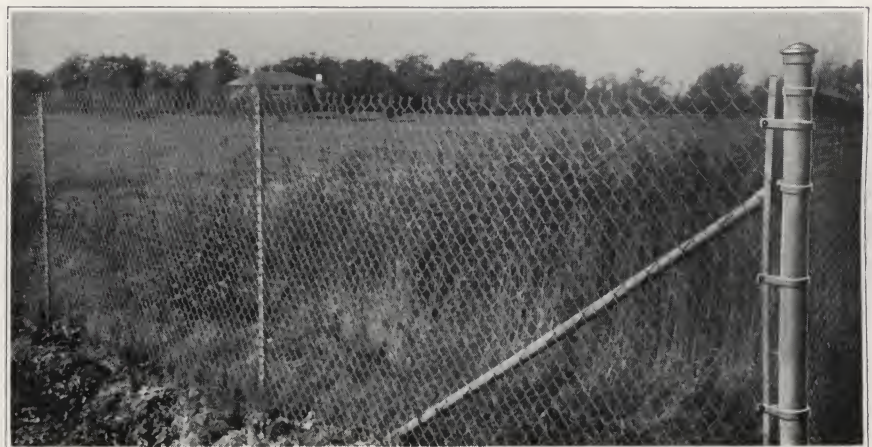
Construction specifications are like those on page 13—except for omission of top rail and sub-



stitution of upper coiled wire as seen in illustrations above.

## STYLE TLGW

Where still less costly fence than the OW above is wanted, this type may be used. If soil permits it can be set in the ground by driving the line posts down. In some cases setting them into concrete is advisable. In all cases, however, the end, corner and gate posts and braces for same, must be in concrete.



Note the "stiff-leg" braces used.

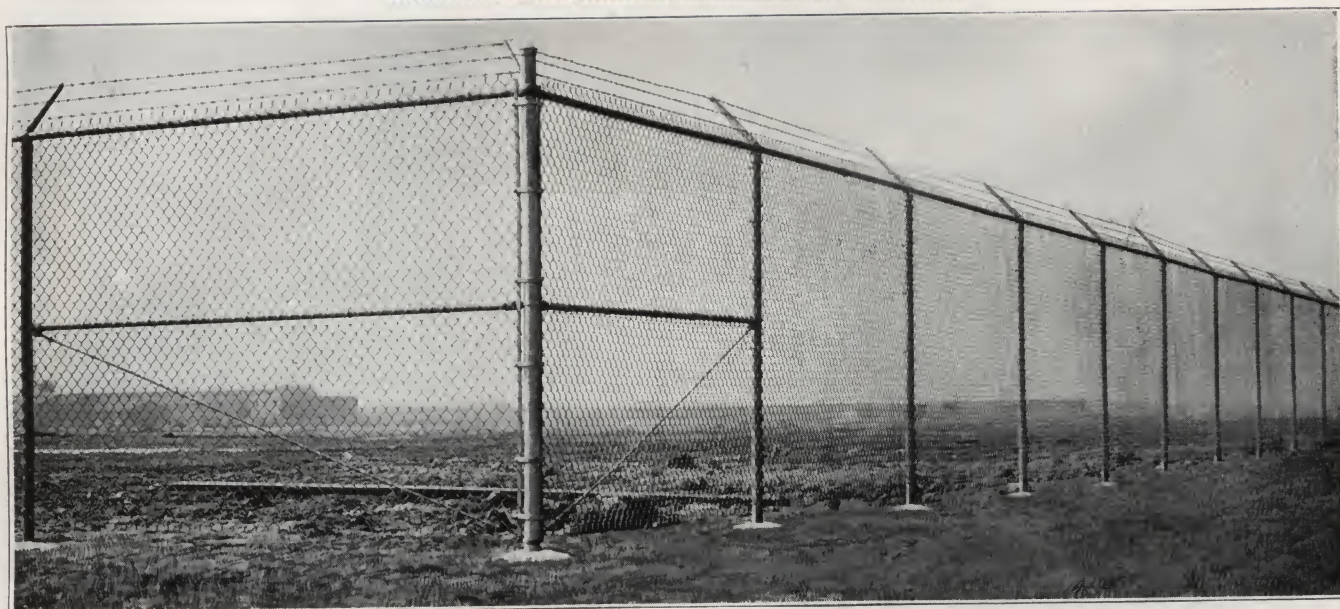




CHICAGO



ILLINOIS



11,000 ft. above installed at Detroit Municipal Airport.

## STYLE 3-T

(With Toprail)

Standard Construction Specifications. Drawings pages 33, 34 and 35.

### HEIGHTS:

7 ft. to 11 ft. overall (including 3 barb wire strands, fabric being 1 foot less).

### FABRIC:

Chain-Link copperbearing "Galv. After" (see page 4), "Ductile-Kote," "Aluminum-Alloy," or "Copper-Weld" may be used (see page 3). Standard mesh size 2" or No. 9 or No. 6 gauge. Other meshes and gauges on request.

### POSTS AND RAILS:

Hot Dip galvanized, full weight tubular copperbearing steel. For standard weights and diameters see page 35.

### LINE OR INTERMEDIATE POSTS:

2½" O.D. spaced 10 feet apart, weigh 3.65 lbs. per ft., extend from 30 to 36 inches below grade set into reinforced concrete bases of sizes as required by soil conditions. The concrete to go 3" or more below end of post. Extension arms are of pressed steel on malleable bases which fit over posts to exclude moisture. (See details page 34). Same with H-I posts. See pages 6-7.

### TOP-RAIL:

Full weight 1½" O.D. connected with expansion sleeve couplings.

### END, CORNER, AND PULL POSTS:

3" O.D. weigh 5.79 lbs. per lineal ft. with tube and rod braces. Bands of unclimbable bevel edge attach fabric with tension bars. Corner posts have heavy forged steel arm attached to post by collar for support of 3 barbed wire strands at 45 angle, 12 inches above fabric and 12 inches in or out from fence line. Caps keep out moisture.

### GATES:

May be Cantilever Slide without overhead track—far easier to operate (see page 26). Other swing or sliding gates are found on pages 27 to 29.

### GATE POSTS:

Of various diameters with tube and rod braces are recommended as follows:

3 inch O.D. for single gates to and incl. 6 ft. or double gates 12 ft. wide.

4 inch O.D. for single gates 7 to 14 ft. or double gates 14 to 28 ft. wide.

5½ inch O.D. for single gates 15 to 18 ft. or double gates 30 to 36 ft. wide.

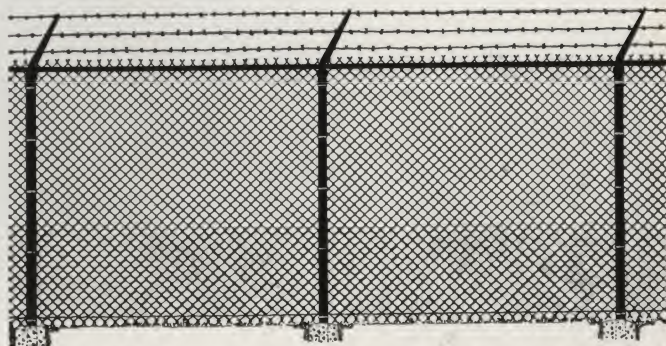
6½ inch O.D. for single gates 19 to 22 ft. or double gates 38 to 44 ft. wide.

8½ inch O.D. for single gates 24 ft. and wider or double gates 48 ft. and wider.

Auxiliary gate posts braces supplied when needed. See page 28.

### BRACES:

Tube 1½" O.D. placed 4 ft. up from grade or higher (see details page 34), extends from end, corner and gate posts to first adjoining line post. Is supplemented by ½" solid steel rod, adjustable and placed diagonally in tension. Very superior to twisted wire braces. Further photographic reproductions of this style fence on next pages.



Style 3-T—Has top rail and three strands barbed wire.

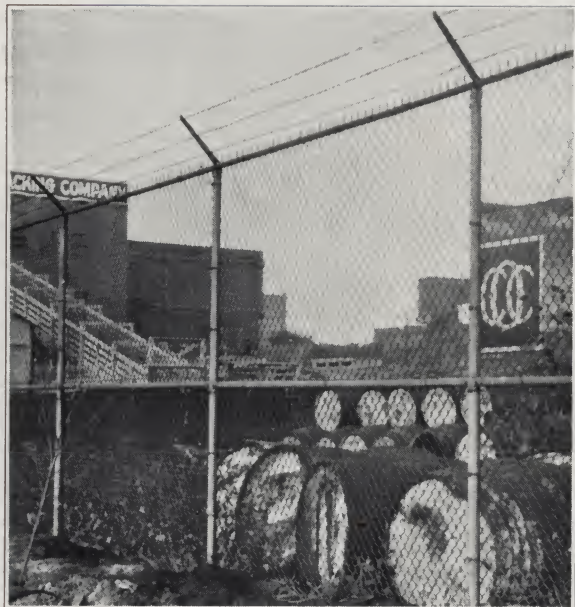




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# The Chain-link Fence Co.

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*Above Style 3-T with extra middle rail.*

## STYLE 3-T FENCE

*(Also see page 15)*

Illustration below shows 11,000 ft. installed by us for Pasotex Petroleum Co. (Subsidiary of Standard Oil Co. of California), El Paso, Texas.

Illustration at bottom shows the Greene, Onondaga Co., N. Y.—Circular enclosure for Public Water Reservoir.

Illustration at right shows well protected coal yard in Detroit, Mich.



Illustration at right shows well kept coal and ice yard in Philadelphia, Pa., with overhead sliding gate at main entrance.







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## STYLE 3-T FENCE

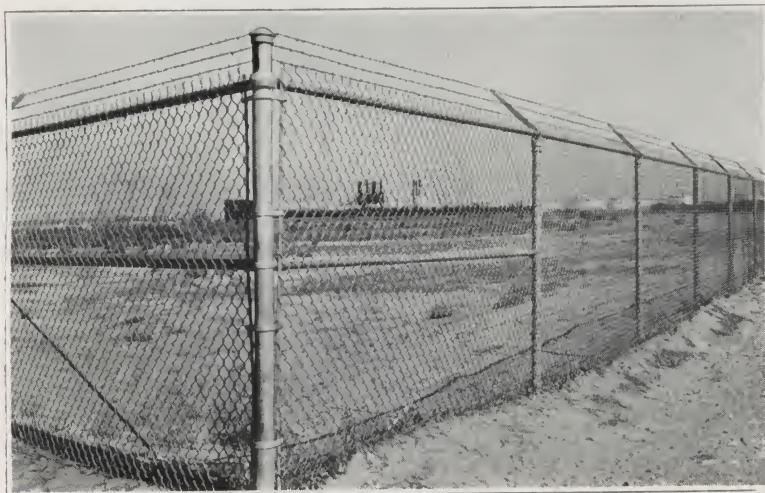
With our exclusive "DUC-TILE-KOTE" fabric. 3,500 ft. installed at Pinellas County Home Florida, near St. Petersburg, Fla. Showing well kept grounds. Protection of inmates and unfortunates is a public duty and assists those in charge of institutions in more economical operation and maintenance.



Style 3-T around Waterworks Tank, Birmingham, Alabama.



Style 3-T around New England Telephone Co. Storage.  
Salem, Mass.



10,000 ft. installation around oil refinery photographed after four years' use—practically like new, owing to superlative quality of our galvanizing.



Style 3-T fence around Athletic Field of Brigham Young University, Provo, Utah.





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## STYLE 3-T

Same fence as shown on foregoing pages except

*Arms are Turned Outward*

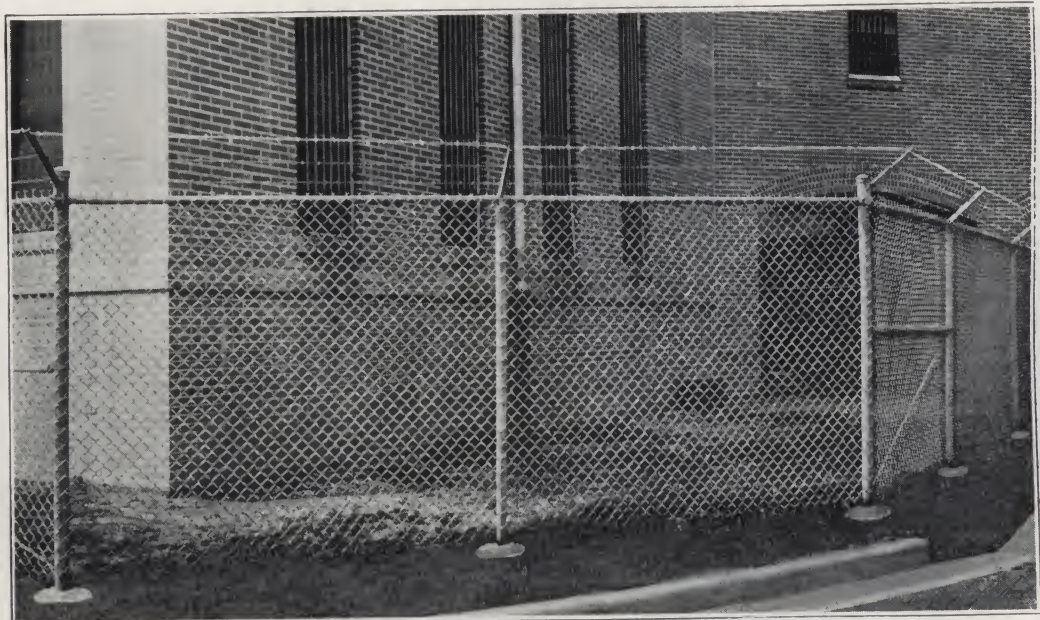
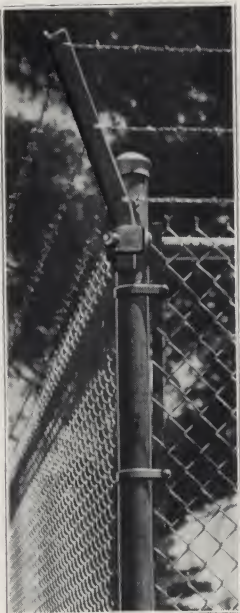
This may be done with our equipment but must be so specified at time of ordering, to permit us to include reverse angle arms at corners.

It is not always possible to extend arms out, especially where there might be objection on the part of adjoining property owners—in any case not when these project out over the property lines. To do this the fence and posts should set back accordingly. Where this need not be a matter of consideration, a fence so constructed offers efficient protection.

Illustrations show Style 3-T fence as here described installed by us for the County Jail at St. Petersburg, Florida. It is all with No. 6 "DUCTILE-KOTE" fabric, which has proven its unusual merit in the particularly difficult atmospheric conditions which prevail in gulf coast areas. It is a notable fact that this region is one of the most detrimental to products of steel and iron and a condition which has been recognized by manufacturers of steel products, engineers, architects and users.



"DUCTILE-KOTE" has thus far met most rigorous trials and while at this time in 1930 we have not had sufficiently long exposure test fences in actual use, we feel, nevertheless, warranted by the present satisfactory showing, in protecting the purchaser with our guarantee on page 3.



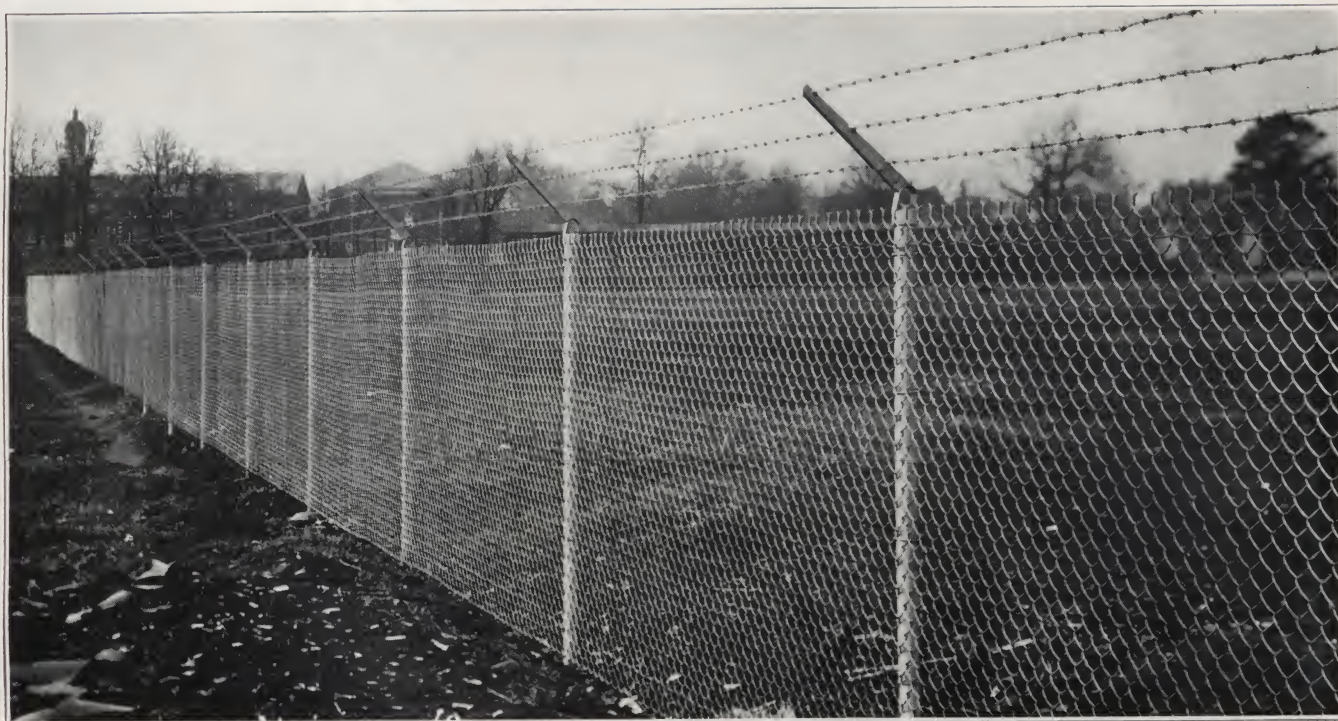




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Chain-link Fence Co.

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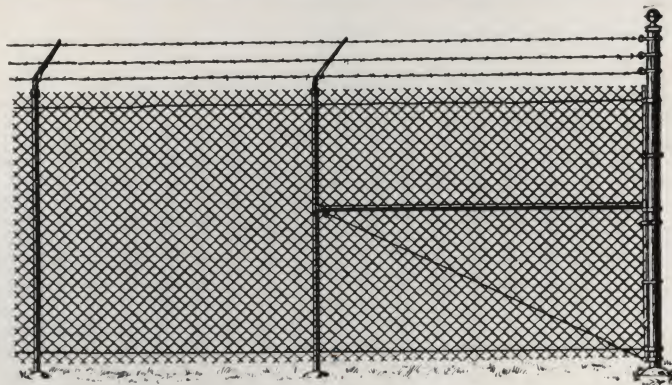


## STYLE 3-W FENCE

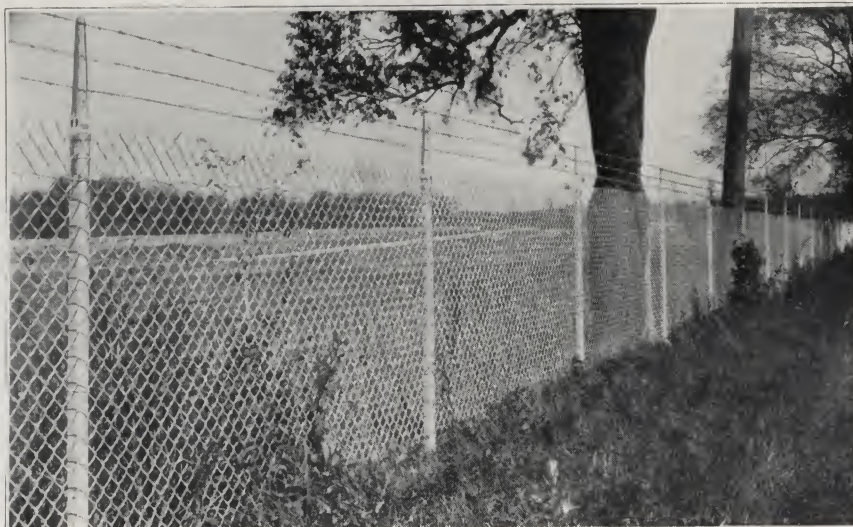
(Without Toprail)

Has three strands barbed wire. Note galvanized coiled reinforcement spring wires both *Top* and *Bottom* where toprail is omitted. Construction specifications otherwise same as for style 3-T on page 15.

Three-strand extension arm pressed steel positively locks the barb wires, allowing perfect freedom for expansion, and contraction. Waterproof base keeps water out of post. May be turned in or out. Use with or without toprail. Cannot shear barb wires during installation. Illustration page 34 shows simplicity of installation.



Style 3-WV, shown at right, has vertical arms; used where inclined arms may be objectionable.







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The Chain-link Fence Co.

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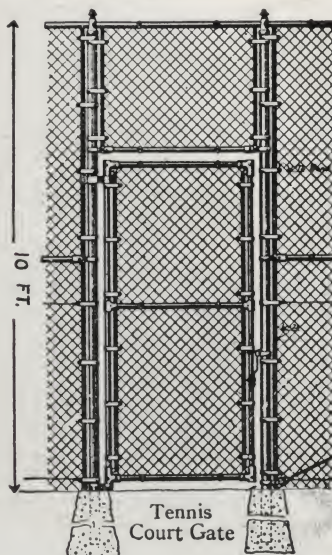
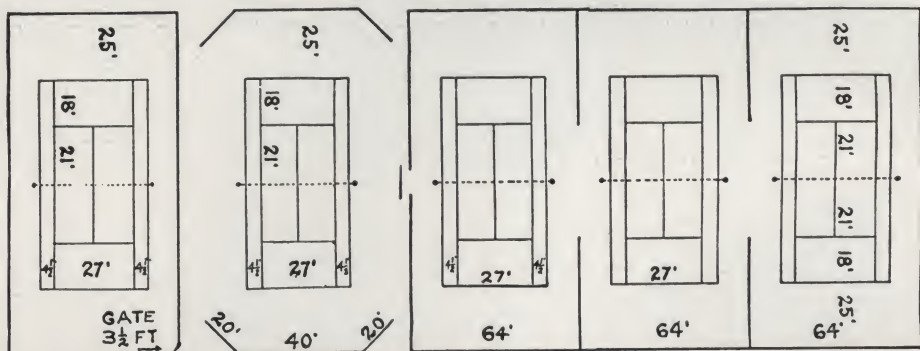
## Tennis Court Enclosures and Backstops

(Construction Specifications, page 22)



10 ft. high "Heavy Grade"—with bottom and top rails. Note especially the absolutely perfect installation, the parallel lines of posts and rails. Good materials plus expert erection make good fence. Installation above by our Boston office—for Billings Field, West Roxbury, Mass.

Standard dimensions of courts are shown in the plats herein which give suggestions for grouping, for single full enclosure or for the back stops only.



Tennis Gates are well built to withstand abuse and are rigid in design and construction—built on our "EVER-WEAR" gate principle. Stock openings are 3 1/2-foot single and 7-foot double, complete with all fittings and attachments. The gate height is 7 feet with transom panel above.

Installation at right shows high fence at backs with high wings and lower fence on sides.







CHICAGO

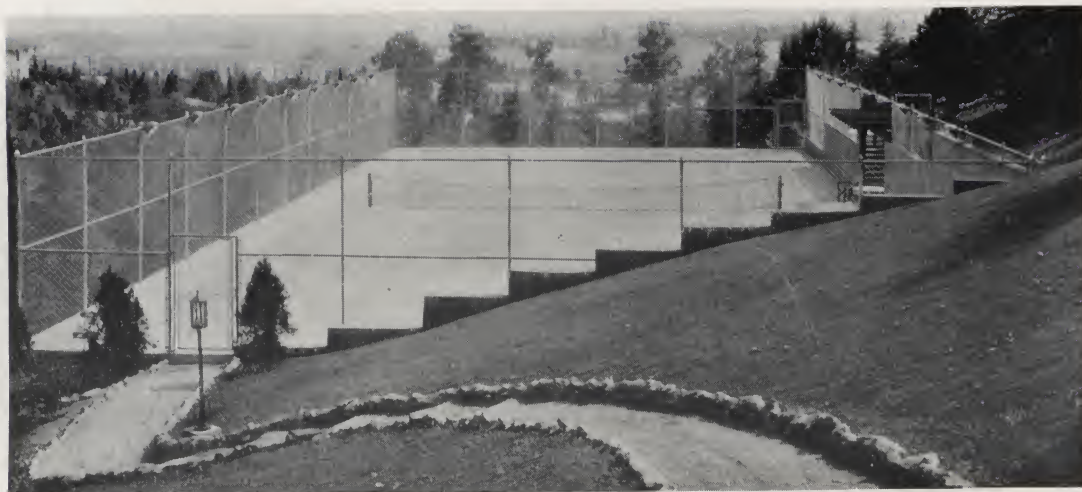
# The Chain-link Fence Co.

ILLINOIS



Tennis fence on courts of Mr. Charlie Chaplin, of movie fame, Beverly Hills, Cal., installed by our distributor, Harry Baylies, Inc. of Los Angeles. Equipped with flood-lights for night play.

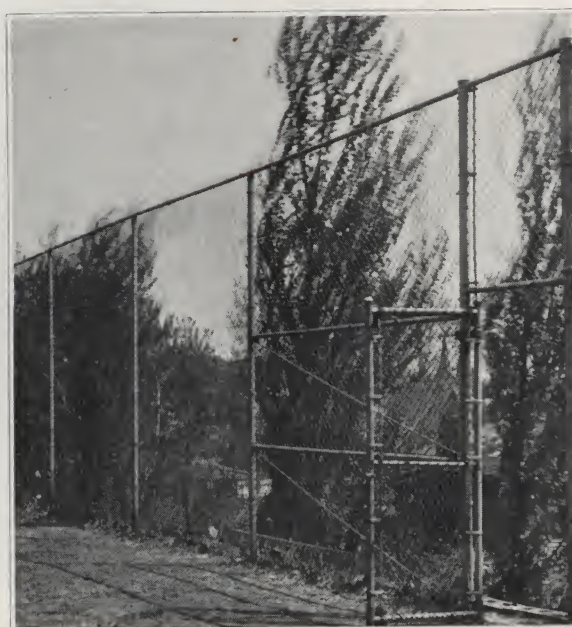
We are prepared to furnish condulets or fittings for various makes of lighting equipment.



12 ft. high fences and hand ball court fence installed for St. Joseph's Academy, Burlington, Iowa, illustrated at left. Note duplex brace method as used for such extra high fences shown also in illustration below.



HEAVY tennis fence will withstand hardest usage. This construction will require no replacement or upkeep cost for a decade and will be serviceable ages after any make-shift backstop has disappeared. Several thousand feet were installed by us for South Park Commissioners in various Chicago Parks. Observe uniformity in alignment, substantial bracing, gates, etc.







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## Tennis Court Fence Construction Specifications

### Heavy

HEAVY—this is for public parks, clubs, playgrounds where the greatest service and wear and tear takes place. The intermediate posts are 2½-inch diameter. 3-inch corner, end and gate posts. The top rail is 1⅝-inch, permitting the posts to be spaced 10 feet apart—all to set into concrete. The fabric is 2-inch mesh No. 9, or 1¾-inch mesh No. 11 gauge CHAIN-LINK. Heights 8, 10 and 12 feet.

### Medium

MEDIUM—has 2-inch diameter tubular steel posts, 8 feet apart to set in concrete, top rail 1⅜-inch, with fabric 1¾-inch mesh No. 11 gauge CHAIN-LINK; corner, end and gate posts, 2½-inch diameter. Heights, 8, 10 and 12 feet. This is recommended for private use and where strength is not so essential.

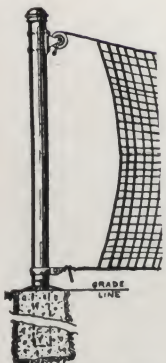
### Light

LIGHT—has 2" diameter tubular steel posts, 10 feet apart, to set in concrete, top rail 1⅝-inch diameter, with fabric 2-inch mesh, No. 11 gauge CHAIN-LINK. Corner, end and gate posts 2½-inch diameter. Height, 8 and 10 feet.

*Either grade above is furnished with "DUCTILE-KOTE" or galvanized after weaving fabric.*

*NOTE—We supply lower priced temporary tennis court back-stops with hexagon galvanized netting on light frame work. Suitable for leased ground. Ask for special prices.*

## Tennis Net Posts



Tennis Net Posts

Good tennis games are best enjoyed on a well equipped court. Our fence for this purpose fills the want for a real efficient, durable and fine appearing enclosure. All galvanized with proper bracing and set in concrete, it is erected once and forgotten. Many large concerns now equip athletic grounds for their employes—they find it pays them good returns to have the efficiency and personal capacity of their work-

ers at its highest state. We have known of cases where the firm donated the fence equipment and the players did the installing themselves.

Efficient net posts permit proper stretching of the net and add to the player's pleasure. These are equipped with ratchet reel winder and steel band fasteners. The diameter is 2½-inch tubular steel for setting into concrete.

At the right is shown section of 3000 foot erected by us for Edgewater Golf Club, with 1¾-inch mesh, 10 feet high. This was photographed *after 4 years in use*. Note alignment. This is interesting use of our standard tennis court fence along street side where it protects passing pedestrians and autoists from injury by golf balls and also protects the club authorities from damage suits for personal injuries. This fence was installed in 1923—before "GALVANIZED AFTER WEAVING" was sold by us. Now, in 1930, it is still in excellent condition, with the slightest indication of rust on the wire in some places. This framework was not galvanized—only painted.







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*The Chain-link Fence Co.*

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## *Base Ball Backstops*



The very efficient baseball backstop here shown was designed for withstanding the greatest abuse on public lots—by the Department of Parks and Playgrounds of Chicago. We furnished 14 of them at various times. Many more are in use. The planks directly in back of catcher's box do away with distorted mesh. The fabric is on the inside of the framework. Upright posts are 3" outside diameter—rails  $1\frac{5}{8}$ ". The height to the inclined overhang is 18 feet and overall about  $22\frac{1}{2}$  feet. Shipped complete, with working drawing and instructions for installation.

Prices on application.



This 24 ft. high perpendicular bases top fence has graduated poles 42" in concrete 4 ft. deep. Rails are 2" in diameter—mesh 2" Chain-Link fabric. Is designed to protect windows of adjacent property and prevent public liability damage around school yards, playgrounds, etc.



The backstop above has been in long use in a public park. It is 15 ft. high,  $2\frac{1}{2}$ " posts,  $1\frac{5}{8}$ " rails, 2" mesh, No. 9 Chain-Link fabric. It has withstood much climbing on roof and rails and has given years of satisfactory service.





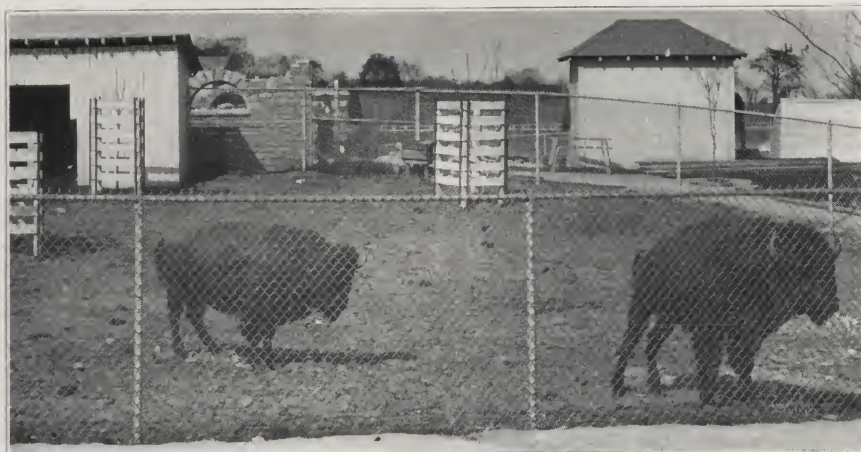
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# The Chain-link Fence Co.

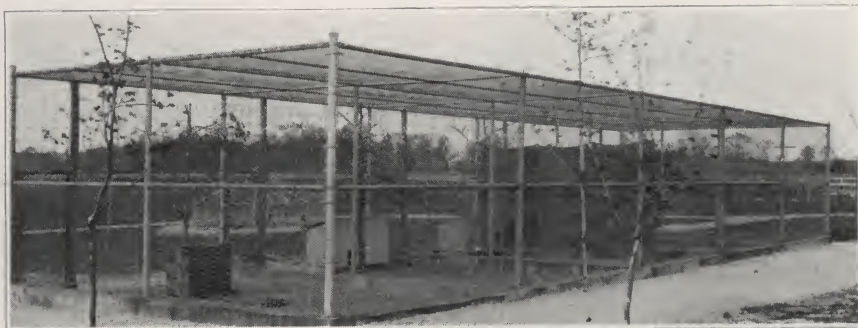
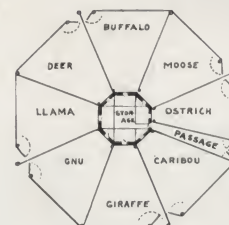
ILLINOIS



## Animal Fences



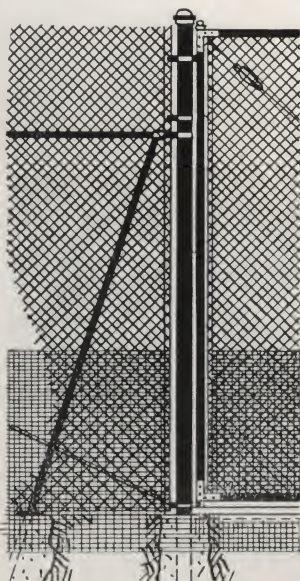
Zoo keepers everywhere use this type of fence. At left is a buffalo enclosure of No. 6 gauge Chain-Link Fence. This particular fence is octagonal and in each of the eight divisions a different animal is housed. All pens center in the animal building.



The bird cage here shown above is of one-inch Chain-Link mesh fabric—on pipe framework set into concrete curbs. In the background may be seen another similar cage of hexagon shape.



These deer are unafraid because they are well protected.



At the left is shown a vermin-proof fence for bird sanctuary enclosure. The design shows small mesh cloth along bottom intrenched. This may also have a strip of sheet iron just above the small mesh for added safety.

Well fenced dog kennel fences and pens at right are a help to the keepers. Require minimum upkeep and cleaning cost. **PROPERLY GALVANIZED**, no further painting is necessary.







CHICAGO

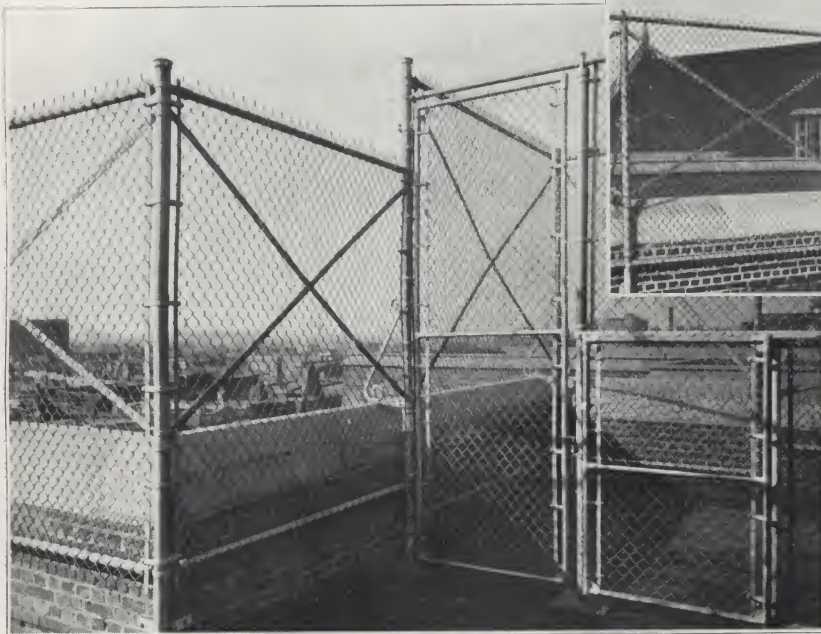
# The Chain-link Fence Co.

ILLINOIS



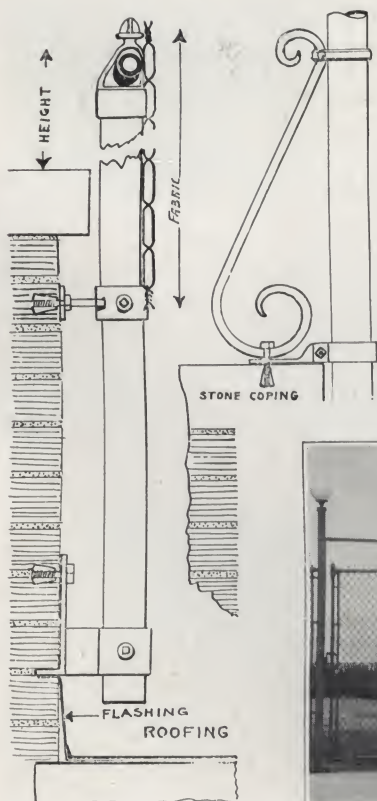
## Roof Fences

Many roof garden fences have been erected by us and the illustrations herein show the possibilities of architectural beauty with practical utility.



Above is an interesting treatment in which the panels were embellished by the use of flat galvanized steel cross bars. The posts were braced by ornamental scrolls and brackets. Detail of these shown below at left.

At one end of the roof a separate enclosure is shown. This has a small sliding door which enables the owner to safeguard his dogs away by themselves.



Fabric is attached on the inside of posts. Steel brackets permit post adjustment up or down which simplifies the erection.



Observe below extension height posts with electric wiring up through them. Wiring may also be run through top rail and with conduits up into posts. Braces to wall relieve wind pressure.







CHICAGO

# The Chain-link Fence Co.

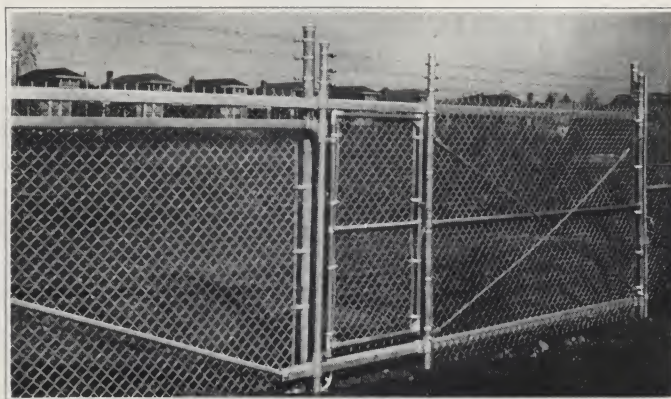
ILLINOIS



## Everwear Cantilever Sliding Gates

For many years there has existed a demand for sliding gates without overhead track obstruction. We have developed our Cantilever gate after persistent experiments. The cost is slightly greater than swinging gates but the saving of space and the ease of operation far out-weigh the added expense. The frames are a composite construction of 2½" and 2" members with integral braces. The wheels operate on heavy steel shafts accurately machined. Hyatt Roller Bearings, which operate in grease are protected against the weather.

Cantilever sliding gate posts are no higher than the fence and are made of 3" O.D. galvanized pipe weighing 5.79 pounds per lineal foot, or heavier, according to height and weight of gate.



Such posts are required approximately ten feet apart according to the width of the opening.

Swinging gates of many sizes and styles, also overhead track sliding gates and folding gates may be found on pages 27 to 29. Construction details of gates and gate parts, page 33.

## Industrial Loading Platforms Made 100 Percent Efficient



One large manufacturer used seven of our Cantilever sliding gates on his loading platform. The saving of space and practical operation are at once perceived in the illustration at left. Overhead tracks or swinging gates would have been impractical. Note posts placed alongside concrete platform.

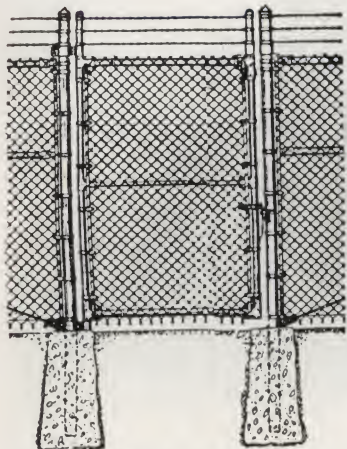




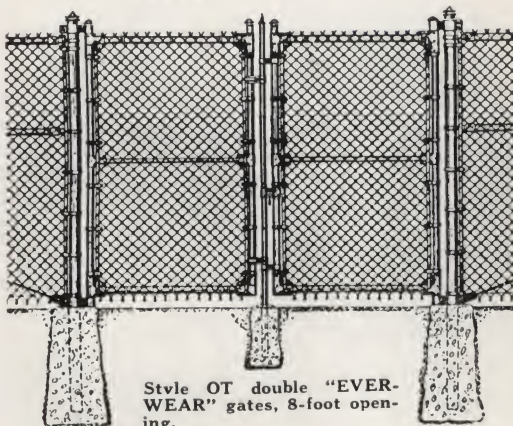
CHICAGO

# Chain-link Fence Co.

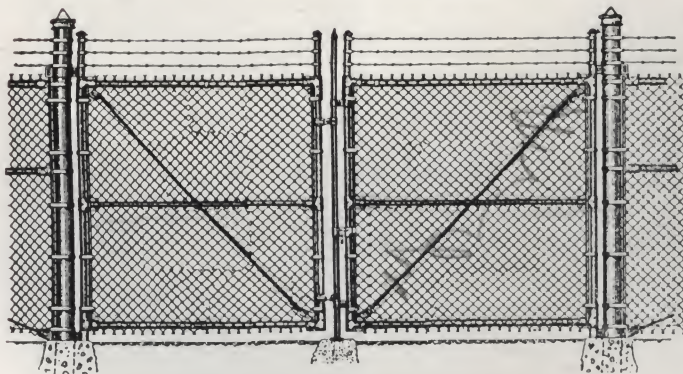
ILLINOIS



Style 3-T Single "EVERWEAR"  
Walk Gate.



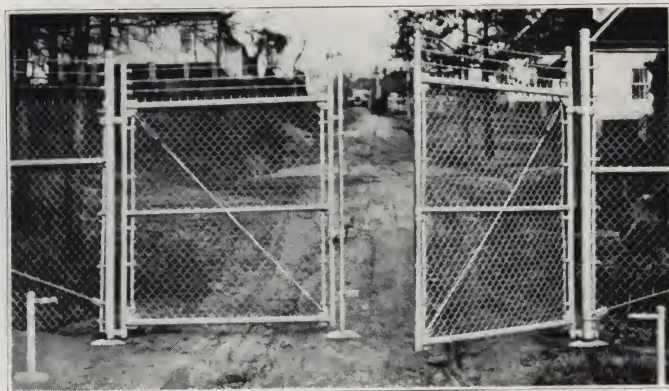
Style OT double "EVER-  
WEAR" gates, 8-foot open-  
ing.



Seven ticket-takers gates. These have portable entrance rails which when removed permit rapid exit. We can also furnish turnstiles, either plain or registering. If no entrant count is necessary the rail scheme above will be found most effective and far less costly.



Style 3-T—double "EVERWEAR" 10-foot opening as seen from outside of fence.  
Style 3-T, 8 foot high.



Sketch at left shows Style 3-T double "EVERWEAR" gates, 12-foot opening. Photograph above shows same gates from inside of fence—  
Note backstops to hold gates open. Construction details on page 33.

## Gates

Extra wide railroad gates often require special treatment. Our service is at your command. Write us for free advice and recommendations on the type best adapted for your gate problem. For special large gates for unusual entrances, see next page.





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# The Chain-link Fence Co.

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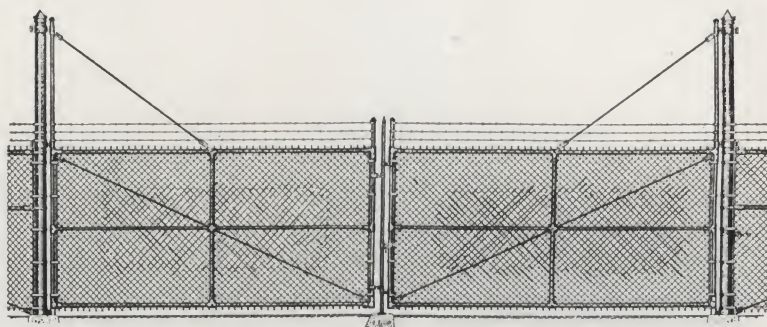
Auxiliary gate post braces, as shown at left, are furnished when needed upon recommendation of our engineers.



The above magnificently fenced athletic field for the University of Utah in its beautiful setting of nature shows the running track with its 36-foot wide gate. Note the overhead truss rods and 6 $\frac{1}{2}$ " diameter posts.

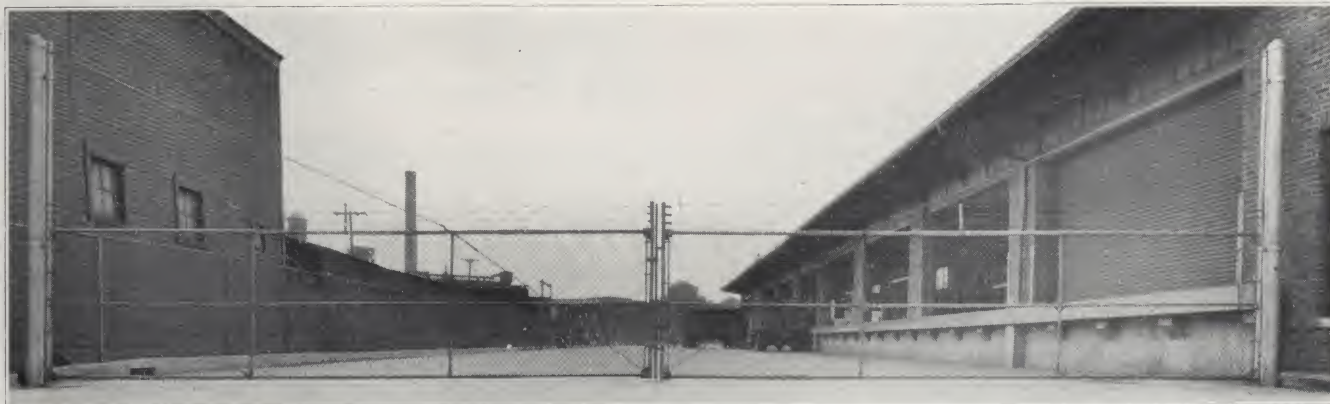
## Everwear Swinging Gates

We designate these "EVERWEAR" Gates for the reason that their design and construction have been evolved after the manner of heavy wrought iron gates. Made of heavily forged steel, the pivot type of hinges are positive in action and fool-proof. They are placed at the highest and lowest points of the gate where they perform the greatest duty, insuring greatest strength and longest wear. "Everwear" frames are made of galvanized 1-9/10 inch diameter steel tubing, connected by hot pressed steel corners and tees. This modern construction possesses maximum strength with lightest weight. Unlike welded joints, they cannot break. It will be seen from the illustrations that the wider gates have added frame members and trusses.



EXTRA WIDE gates have higher posts with extra hinges and carrier trusses. Larger diameter gate posts are furnished with wider gates and, where required, auxiliary post braces to set into concrete. Post diameters are 3 inch for gate wings 6 feet wide and under; 4 inch diameter for 7 to 14 foot wings. Standard brace tube and rod on all, with complete attachments for the fence. Gates are made with fabric and with or without barb wires to match fence, unless otherwise ordered. Added specifications for proper diameter of posts to be used with various widths of gate openings are given on page 15. Gate construction details on page 33.

Below is a view of our "EVERWEAR" gates—49 ft. WIDE—on 8 $\frac{1}{2}$ " posts installed for Wabash R. R. Co. Observe perfect alignment without post braces. Photograph after six months in use.



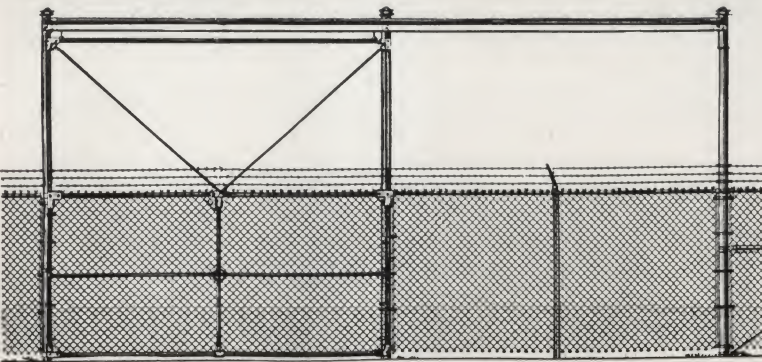




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The Chain-link Fence Co.

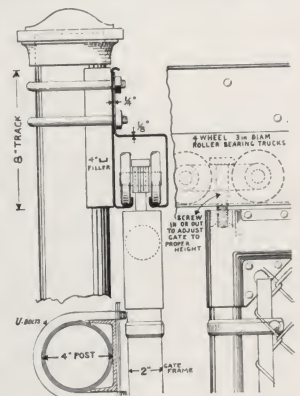
ILLINOIS



## Everwear Overhead Track Sliding Gates

Made in any width of opening, single or double. In laying out plan for sliding gate it is well to remember that a single wide gate will sometimes operate better than two narrow gates. Illustration shows full overhead track of the full housed-in galvanized water-proof type. Posts are large diameter, set in concrete. 4-wheel roller bearing sheaves run in grease. Frame is 2" of our standard "EVERWEAR" construction with reinforced corners, complete with guides, latch, and fittings. The usual clearance under track is 12 feet, but this may be varied to suit conditions.

**IMPORTANT.** In most cases where sliding gates are wanted we recommend our Cantilever sliding gates, which have no overhead track — work easily and look better. See page 26.



## Duplex Double "R. R." Gates

In these gates used for openings of 36 feet and over in width, hung on 6 1/2" posts, the frames nearest the posts are 2 1/2" diameter, on which two meeting frames of 2 inch diameter are hung. The illustration at left is one of three such installed by us for the Grand Trunk R. R. in new freight terminal yards, Chicago. It is further interesting by Chain-Link sign above with galvanized sheet iron lettering. The two pictures below are of gates installed for the Wabash R. R., Russell St. Freight Terminal, Detroit.







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## Residential Lawn and Garden Fence

Style LGT

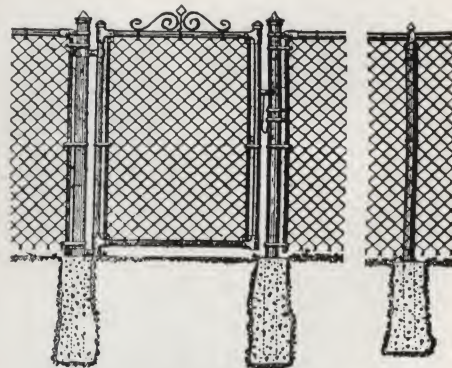
Keep trespassers from ruining your lawn and garden. Protect your little children in your yard, keep your dogs in and the others out. If you are in a neighborhood of unsightly wood fences and neglected back-yards, be the first to improve and note how your appreciative neighbors will soon follow. Quickly you will be rewarded by having a garden view instead of refuse yards. The spirit of cleaning up promotes the planting of flowers and causes a transformation. You need the fence to safeguard these efforts. Hedges are best preserved by good animal proof fence. All posts to set into concrete for permanence. The fabric may be had with the twisted protection spikes set above the top rail to prevent climbing, or with the knuckled edge fastened flush with the top rail.



In the photograph above our 4-foot high Lawn and Garden fence is enhanced in appearance by the use of an ornamental iron picket gate with pipe iron frame. This combination is very impressive and provides maximum fence efficiency at minimum cost.

This type of fence has many friends. It serves more purposes than old-fashioned makeshift enclosures. It is a beautifying improvement to any home or grounds; is practical, unclimbable, keeps out small animals, trespassers, protecting your flowers and garden; is economical, rust-proof, requiring no further upkeep cost for painting; permanent, set in lifelong concrete, a real valuable addition to the property. Considering the low cost, it is the greatest fence value.

CHAIN-LINK LAWN AND GARDEN Gates are extra well built and not to be compared with ordinary gates. They have 1 3/8-inch diameter frames and built upon our "Everwear" principle, but proportionately smaller.



### Specifications

Heights—48, 42 and 36 inches.

LINE POSTS—2 inches diameter, 10 ft. apart.

TOP RAIL—1 3/8 inch diameter (with expansion sleeve couplings).

FITTINGS—Pressed steel and malleable iron.

Corner and end posts—2 1/2 inch diameter.

Walk gate posts—2 1/2 inch diameter.

Drive gate posts—3 inch diameter.

FINISH is all hot galvanized Fabric copper-bearing steel, galvanized after weaving, or "DUCTILE-KOTE."

Mesh and gauge 2" No. 9, 2" No. 11, or 1 1/2" No. 12.

Fabrics have top selvege barbed, bottom knuckled but either may be turned up or down. State which is desired as this requires different depth of post setting.

For Double Gates see next page.







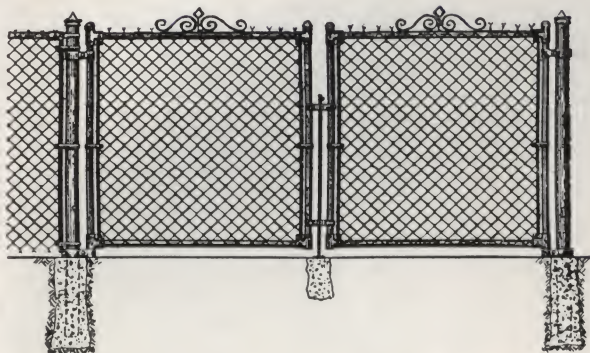
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## Lawn and Garden Gates



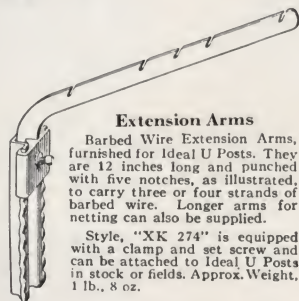
In the above double gates for the 48" high, as shown in photographic illustration—as used for cemetery, ornamental scrolls were omitted. Note in this height we build in middle rails. In the 42 and 36 inch height these are not needed. Steel, set up in concrete, assures you permanent alignment—no rotting out. It becomes a real high-class improvement to the property. Naturally, if it is for your home, you want the best.

LGTM fence, around Miniature Golf Course. Has 1 $\frac{5}{8}$ " O.D. line posts, 2" O.D. corner and gate posts. TLGW fence in rear. The latter has steel drive posts and no toprail. Satisfactory for temporary work as the golf lots generally have short leases. We will furnish with commercial galvanized wire at lower price, if desired, but recommend this only for temporary fences.

## Inexpensive TLGW

(See also page 14)

Chain-Link Fence with galvanized steel U-Bar posts 1 $\frac{5}{16}$  x 1 $\frac{5}{32}$  which are furnished with 3-cornered anchor plate for driving in soil. May also be set in concrete. End, corner and gate posts require stiff-leg braces and must be in concrete. See page 14.



### Extension Arms

Barbed Wire Extension Arms, furnished for Ideal U Posts. They are 12 inches long and punched with five notches, as illustrated, to carry three or four strands of barbed wire. Longer arms for netting can also be supplied.

Style, "XK 274" is equipped with a clamp and set screw and can be attached to Ideal U Posts in stock or fields. Approx. Weight, 1 lb., 8 oz.



End view of post with the wire clamp snapped onto post ready to fasten.



A few hammer blows on head of clamp will bend it into position as shown; thus securely fastening clamp to post.



Photograph above shows our Style LGT CHAIN-LINK Fence used between city apartment buildings as a division fence. This is especially interesting in that it increases from 3 feet height at the front to 6 feet, thus assuring maximum privacy with least obtrusive appearance from the street. Builders and sub-dividers have recognized the sales value added to bungalow property, which can be attained by the addition of a good yard fence to protect lawn and garden. The bungalow buyer is interested in these very features. Housing corporations can develop community spirit and friendliness.





CHICAGO

# The Chain-link Fence Co.

ILLINOIS



CHAIN-LINK FABRIC FENCING in rolls, is sold separately in a variety of heights and sizes. It may be used to replace boards or old wire on existing posts or you may have posts which are satisfactory for your use. We shall be glad to have you give us an idea of what you wish to accomplish in this manner, and we shall gladly give you any advisory assistance without obligation.

Here are illustrated several such uses. Old turned cedar posts repainted used with our fabric resulting in a neat fence.

Inexpensive lawn fence is furnished by us with tubular posts and fabric,—without top rail. Here the diagonal braces shown at left are required for the corner, end and gate posts. This can be supplied with all posts to set into concrete or with our **anchor drive intermediate posts**, which are simply driven into the soil with a maul, setting only the terminals and braces into concrete.

For similar exterior uses we can furnish at lower cost, fabrics which are galvanized before weaving, made of specially high grade galvanized wire, which will stand a 5 immersion Preece test, and is superior to regular grade of galvanized commercial wire. It is made also of copper-bearing steel so has

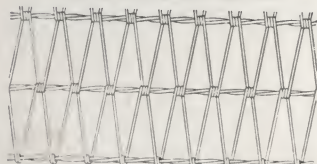


double rust-resisting properties. It is recommended for use in arid or dry farming climates, where it will give most satisfactory service.

A manufacturer having a lot of sound 4 inch boiler tubes, rusted slightly, placed them in concrete bases, and we supplied angle arms for barbed wire supports along with the fabric and barb wire. He used a number of our gates and made an effective enclosure which will last during the life of his lease and so is worth its cost to him.



Put up in 10 and 20 rod rolls



Specifications — Horizontal line wires are 2 strands of 12½ gauge twisted “Galvannealed” cables, spaced 4 inches apart. Cross wires are 14 gauge “Galvannealed” spaced 2 inches apart. Cross wires are woven around horizontal cables in a continuous strand.

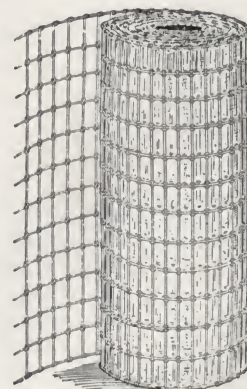
## Other Types Less Costly

Fencing are shown here. These may be erected on our tubular steel posts for setting into concrete,—or on the U-bar steel drive posts for driving directly into soil. For illustration and added information of these posts, see page 31.

Triangle mesh is made from full gauge, copper-bearing, open hearth steel wire—not galvanized, but “Galvannealed”—the Keystone patented process that welds an extra heavy coat of rust-resisting zinc firmly to the body of the wire instead of usual thin surface coating. Gives more years of service.

Twisted horizontal cables allow for expansion and contraction—keeps trim and tight in all kinds of weather. Slipping of the mesh wires along the horizontal cables is impossible.

The Triangle mesh forms practically a non-climbable fence.



Height in inches	Approx. wt. per rod, lbs.	—Size of Wires—	
		Horizontal	Cross Wires
94	47.4	12½	14
82	41.4	12½	14
70	35.4	12½	14
58	29.4	12½	14
50	25.3	12½	14
42	21.2	12½	14
34	17.2	12½	14
26	13.1	12½	14
18	9.	12½	14

RECTANGULAR 2 x 4 MESH. This fencing is made of No. 11 gauge wire in a variety of heights and may be used for many purposes. It is fine for use as inexpensive stock room or other partitions.

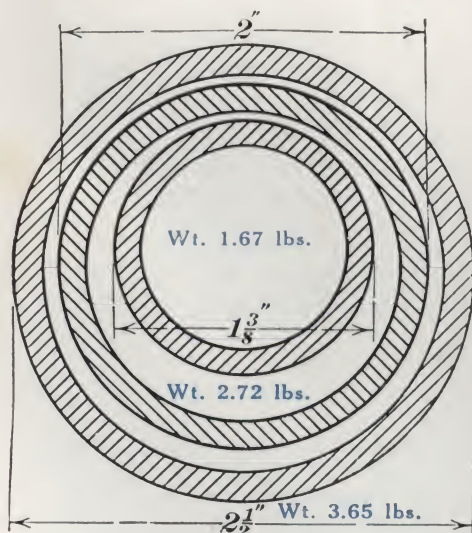
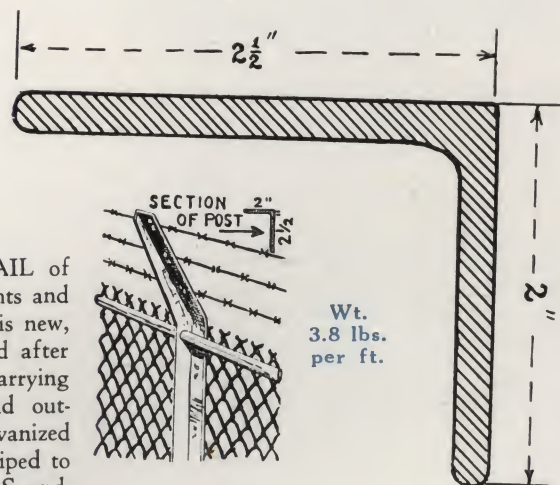
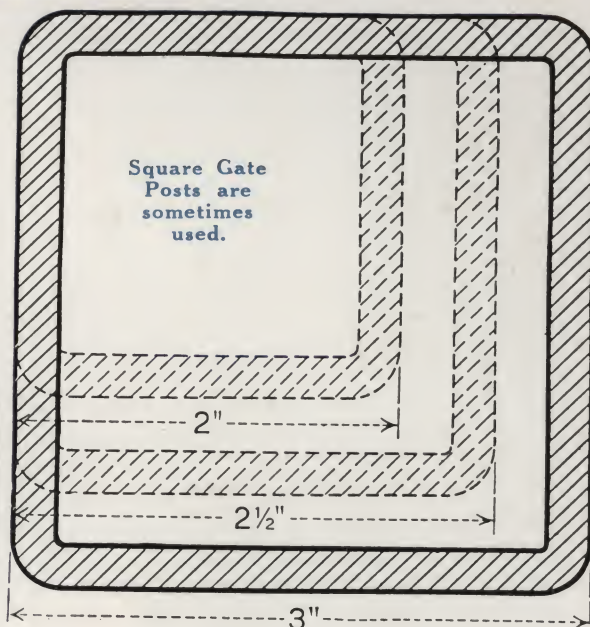
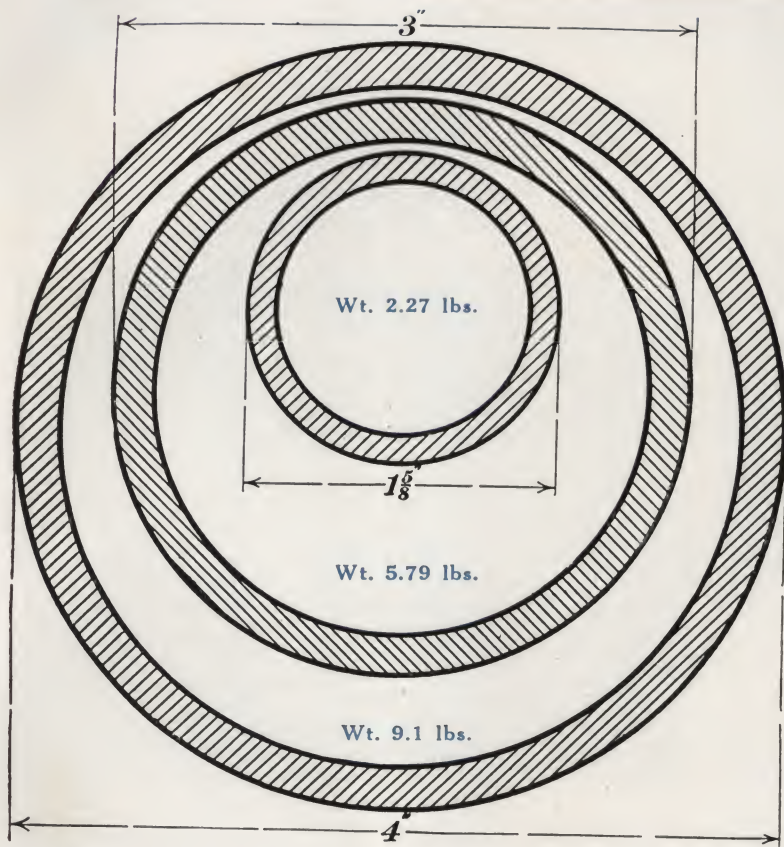




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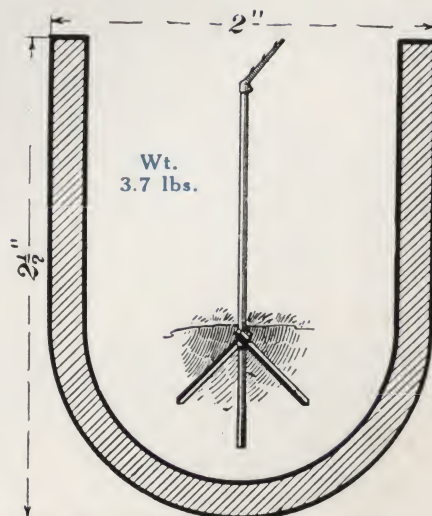
Chain-link Fence Co.

ILLINOIS



POSTS AND TOP-RAIL of pipe are full weight. Weights and diameters above. Material is new, hot ZINC DIP Galvanized after cutting to lengths, thus carrying heavier coating, inside and outside, than ordinary mill-galvanized gas pipe, which has been wiped to reduce production costs. Sound, substantial framework is the backbone of your fence.

Where copperbearing pipe is specified we use the genuine COP-R-LOY made and guaranteed by Wheeling Steel Corporation. Integral arm angle or U-bar line posts furnished to order as shown at right.



## STANDARD FULL WEIGHT PIPE ONLY USED BY US

4"	O.D. Wt. per lineal foot	9.1 lbs.
3"	O.D. Wt. per lineal foot	5.79 lbs.
2 1/2"	O.D. Wt. per lineal foot	3.65 lbs.
2"	O.D. Wt. per lineal foot	2.72 lbs.
1 5/8"	O.D. Wt. per lineal foot	2.27 lbs.
1 3/8"	O.D. Wt. per lineal foot	1.66 lbs.

COP-R-LOY

REG. U.S. PAT. OFF.







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*The Chain-link Fence Co.*

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## Portable Fence Sections

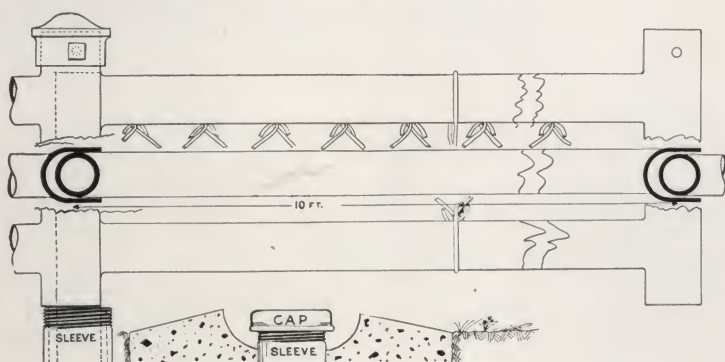
There are often conditions where removable or rapidly portable fence is desired. For occasions of extraordinary crowds in athletic fields, airports, field meets, pageants, carnivals, stadia, track or sport affairs, our fence has exceptional merit.

Each unit has a post extending at one end down into a socket sleeve which has been permanently imbedded into concrete foundation. This sleeve is covered by a cap when the fence is not in use.

Two men can take out and load 500 feet or 50 ten-foot sections on a light truck in 12 minutes. Weight 4000 lbs. Another man goes ahead, removes finials and places the sleeve caps after them.

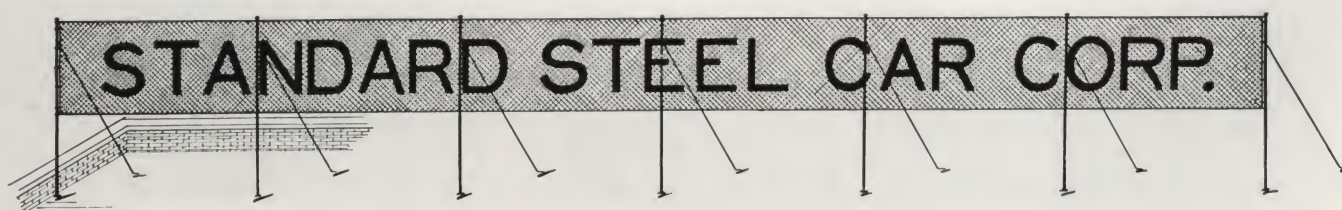
## Construction Details

Portable Sections are rugged and strong. Frames welded of  $1\frac{5}{8}$  inch tubular steel and 2x2 high carbon U-bars, hot galvanized. Fabric filler is 2 inch mesh No. 9 gauge galvanized after weaving, but other fabric may be substituted. Note manner of making concrete footings so that sleeve caps will not project above ground. One bolt through each finial locks sections firmly together.



## Roof and Fence Signs

Signs made of galvanized sheet iron or cast metal letters when attached to Chain-Link fabric are durable, require no painting nor maintenance cost. Minimum resistance to wind pressure. Made to order only. We will gladly submit sketch and quotation if you send us necessary information of what is wanted.







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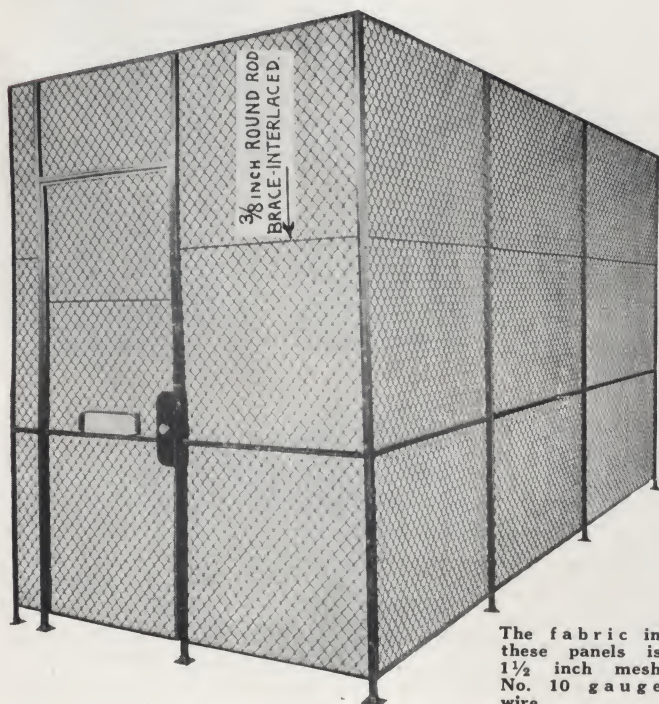


## Chain-Link Wire Partitions

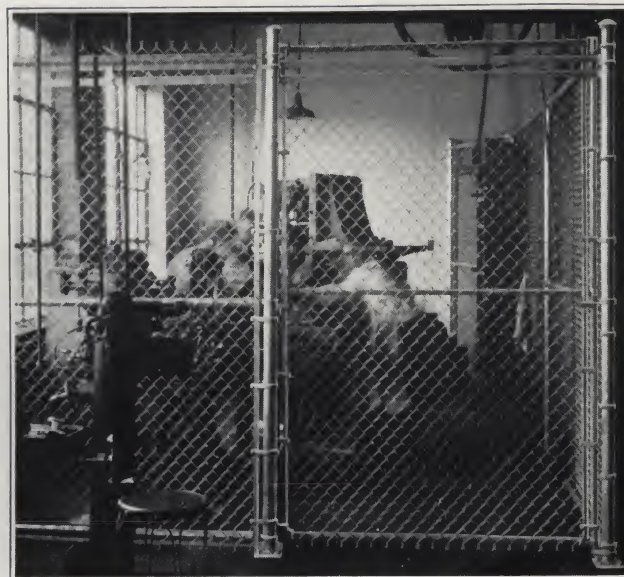
For certain conditions an effective wire partition to divide off stock rooms, tool rooms, departments, etc., may be made of our Chain-Link fabric attached to pipe posts and rails. Such installations vary and are often desirable where the panel sec-



tions will not work so well. Building posts or columns may be used advantageously together with pipe standards. Posts can be flanged to floor or attached floor and ceiling.



The fabric in these panels is 1 1/2 inch mesh No. 10 gauge wire.



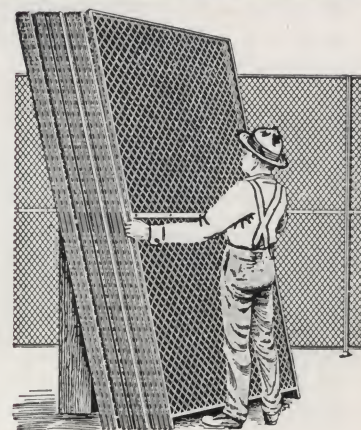
## Chain-Link Panels

These sections are stocked 4' x 8'3" high made of 1 x 1/2 inch channel frames with two round steel intermediate cross braces interlaced through fabric. Very strong. Interlinking fabric prevents making of opening as can be done with ordinary crimped diamond mesh wire work. Also furnished in other heights where quantity warrants. Swing doors or sliding gates in 4 or 8 foot widths have transom sections 1 foot high above for rigidity.

These sections are easily installed with bolts for joining the sections to one another and with screws to wood floor or expansion bolts to concrete floors. It is advisable to plan the partition lines to pass by building columns and use odd width panels only at ends. These are stocked 1'6", 2' and 3' wide. Where necessary, wood filler strips may also be employed. Adjustable ceiling braces are furnished.

Submit plan for quotations or have our experienced salesman list your requirements. Other heights and special panels to order.

Finish: black iron paint.







CHICAGO

# The Chain-link Fence Co.

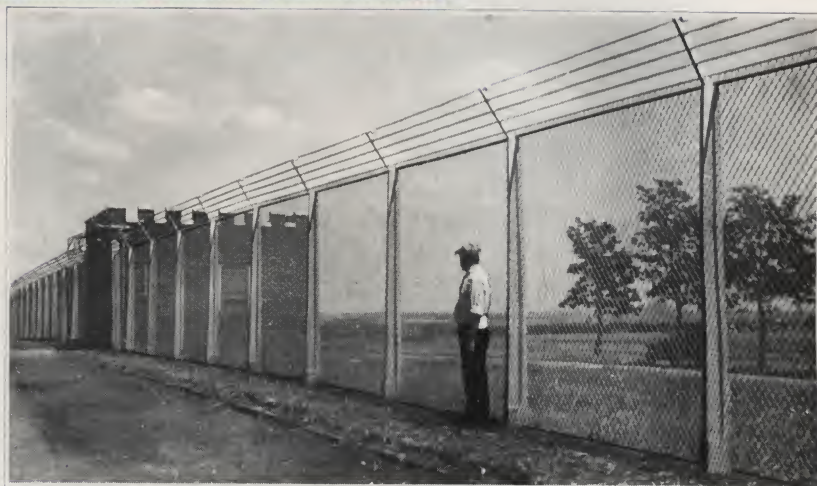
ILLINOIS



## Reinforced Concrete Post Fences

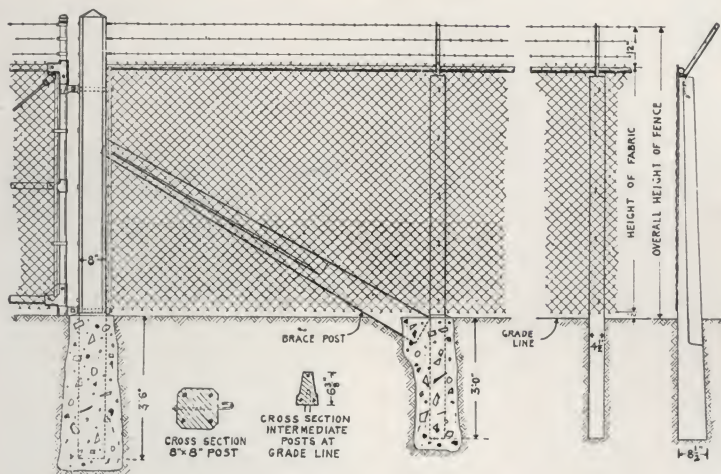
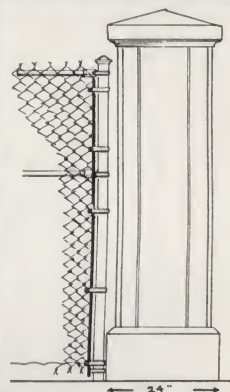


The type of construction, shown at left, with galvanized reinforcing rods in the concrete posts, is recommended in localities where climate is particularly detrimental to steel products.



CONCRETE REINFORCED POSTS with rust-proof CHAIN-LINK mesh and fence fittings, constructed under the supervision of experts, offer the ultimate in permanent fence. We have complete equipment for complete installation and have devoted many years to its perfection. Fences so constructed by us many years ago are today as good as ever.

The 24" square pier at right makes a massive corner or gate post. Fine with fence at left.



Where industrial seclusion is desired together with maximum durability, strength, and elimination of maintenance cost we recommend this fence with reinforced concrete posts, steel stringers and creosoted cypress panel sections.







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*The Chain-link Fence Co.*

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## Expert Fence Erection



Our expert knowledge of many years' fence building is at your command without obligation. Put your fencing problems up to specialists who know how.

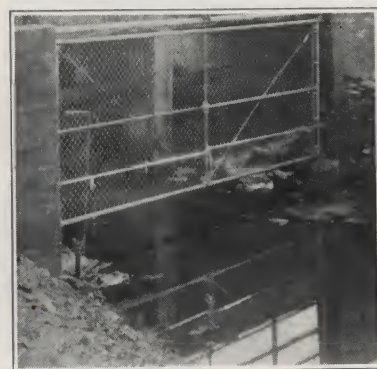
Many a good lot of fence materials has been spoiled by incompetent erectors,—who might have had success in making a good installation if they had accepted guidance.

In the fence below see how gracefully it sweeps away over the hill without awkward lines at any point. This requires skill.



We send out such complete information of proper heights, spacing, use of parts and fittings that it is now possible for any good mechanic to make a most creditable installation of our fence by following instructions. See tennis installation above. Notice accuracy of parallel post setting and of horizontal rails.

Our trained erector in this work shown at right took charge of building the concrete walls as well as the fence.



The photographic illustration below shows one of five installations, which aggregated about 18,000 feet. These were installed over rolling ground and herein again we observe the workmanlike gradual curve obtained by our men in following the general contour of the ground. Erected by us for Erie County (Buffalo, N. Y.) asphalt yards.







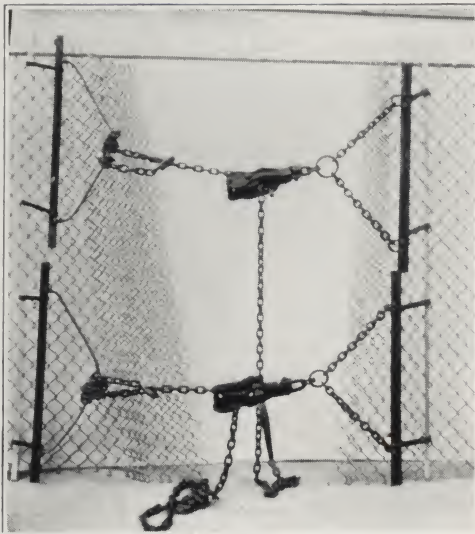
CHICAGO

# The Chain-link Fence Co.

ILLINOIS



## Proper Stretching of Fabrics



LEFT: Shows stretcher with ratchets drawn tight. Note that fabric which extends to terminals on both ends is now in tension while that between stretcher bars is slack. The upper or lower ratchet may be tightened until bars are parallel.

RIGHT: Enough of slackened fabric has been taken out so as to permit ends to just meet. Erector is shown in act of weaving in one loose spiral to join the fabric together. After this the stretchers are removed and the fence is tightly and invisibly joined.



Above method of erecting CHAIN-LINK fences has been perfected by us after adequate experiments. It is apparent that without proper tools and with ordinary conditions a great amount of specialized skill would be needed to apply just the right amount of tension to the fabric. Too much will cause it to elongate and become narrower from top to bottom, or it may become warped out of shape. Too little stretching and the fence will sag and bulge.

Our "HERCULES" stretcher enables the ordinary workman to obtain good results as it is partly automatic in operation.

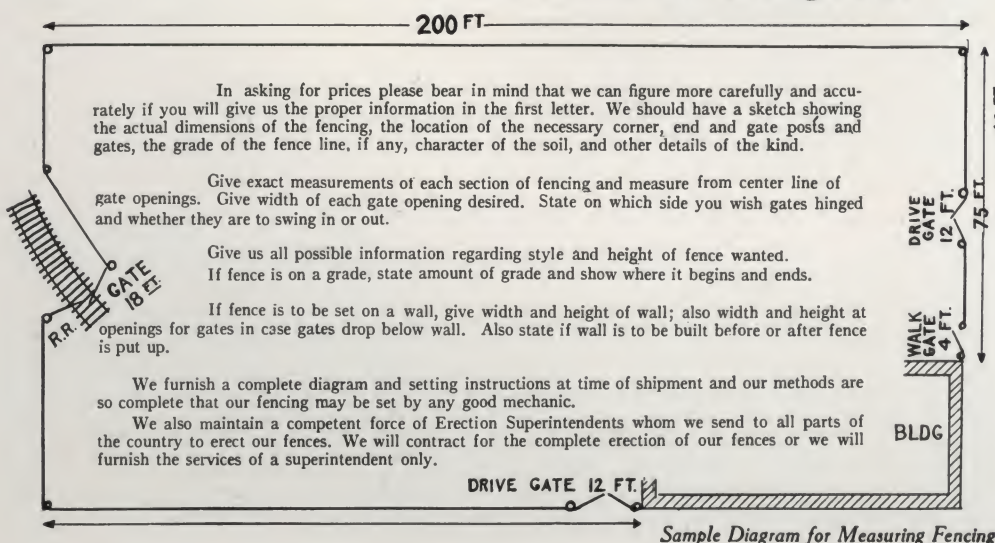
### PRICE

Double set with handle and carbon bars.....	\$27.50
Single set with handle and carbon bars.....	\$15.00
Extra handle .....	\$ 1.25

(Double set can be used as two singles,—if extra handle is included)

Our supervisors and erectors are trained men, skilled workmen of the highest type. They are capable of assuming entire responsibility for the proper installation of your fence according to contract and specifications. They do not assume responsibility for property lines or grades which must be established by owner or purchaser.

## How to Make Diagram



### Send Us Information So We May Know Your Requirements

Prices are given for the fence complete, — or per foot, with the extra charge for ends, corners, gate posts and gates, — and with freight allowed to your station. We will quote on complete erection. We erect everywhere. Ask for name of nearest sales representative.

CHAIN-LINK FENCE CO.

Chicago, Ill.





CHICAGO

The Chain-link Fence Co.

ILLINOIS



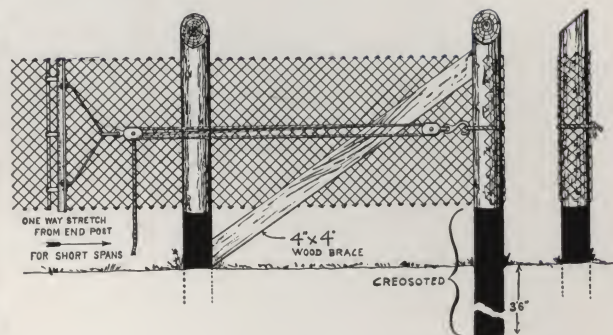
## Chain-Link Highway Guard Rail



CHAIN-LINK HIGHWAY GUARD RAIL fabric is made in 100-foot rolls, each packed with a loose connecting spiral, for joining (see bottom illustration). The wire is copper-bearing steel galvanized after weaving. Also furnished of "DUCTILE-KOTE." For the dry-farming or arid States, the still cheaper product of commercial copper-steel galvanized wire will fully meet requirements, especially when dipped in special white elastic enamel. Either base material can be furnished in the enamel finish, and when so shipped it is packed with wired wood-slat protection to safeguard the paint as much as possible in shipment. Mesh is 2x2-inch of No. 6 gauge or 3" mesh of No. 4 gauge (W. & M.) wire, with the top and bottom selvages knuckled. Width, 24". Weight per roll, approximately 285 pounds.

For use on highways in place of the old wood plank rails and cable rails. It is in use by a number of States, and highway engineers use it on many new road projects. County commissioners will do well to adopt this modern type of rail guard. Miles of travel lanes so protected.

1. **Economically Installed:** A 5-ton truck carries a mile of fencing. No drilling of posts. Simply fasten with 2-in. staples.



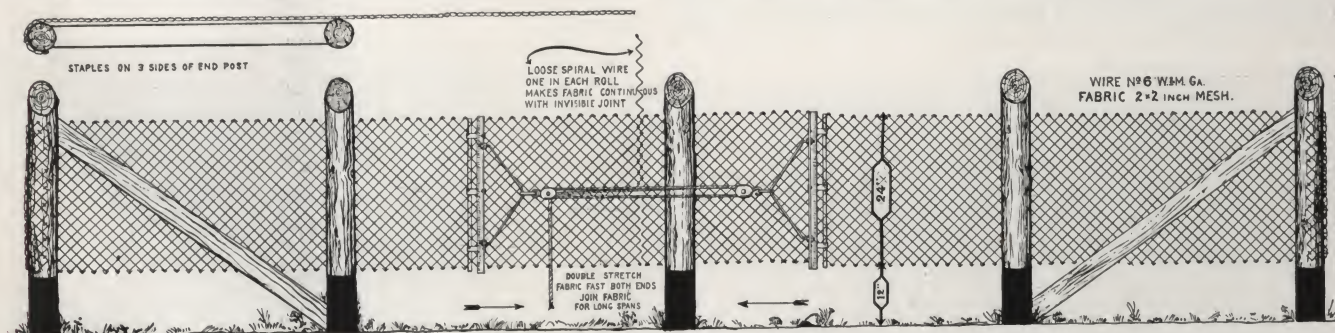
2. **Quickly Seen at Night:** Chain-Link Highway Guard Rail serves as an efficient roadway marker. An automobile headlight quickly illuminates the broad bright band of fence along the roadway, thus warning the driver.

3. **Repaired Easily:** If fence fabric is seriously damaged, replace with new section between posts. One man can do this easily and quickly. See simple method of interlinking spirals.

4. **Saving on Posts:** Is adapted to any kind of post—wood, concrete or steel. The strength and elasticity of the wire makes the cheaper wooden posts almost as practical as the more expensive posts.

5. **Stops Surely and Quickly:** The shock of impact is taken up quickly, and cushioned as to prevent the terrific jar which results when a car strikes rigid types of highway guards. The resiliency of our spring wire is essential.

6. **It Lasts Longer:** Wire is always safe. It cannot burn or rot. Extra heavy coat of galvanizing stops damage through rust or corrosion. There is little or no upkeep expense.



36,000 Feet Furnished for Pier in San Francisco Bay, California

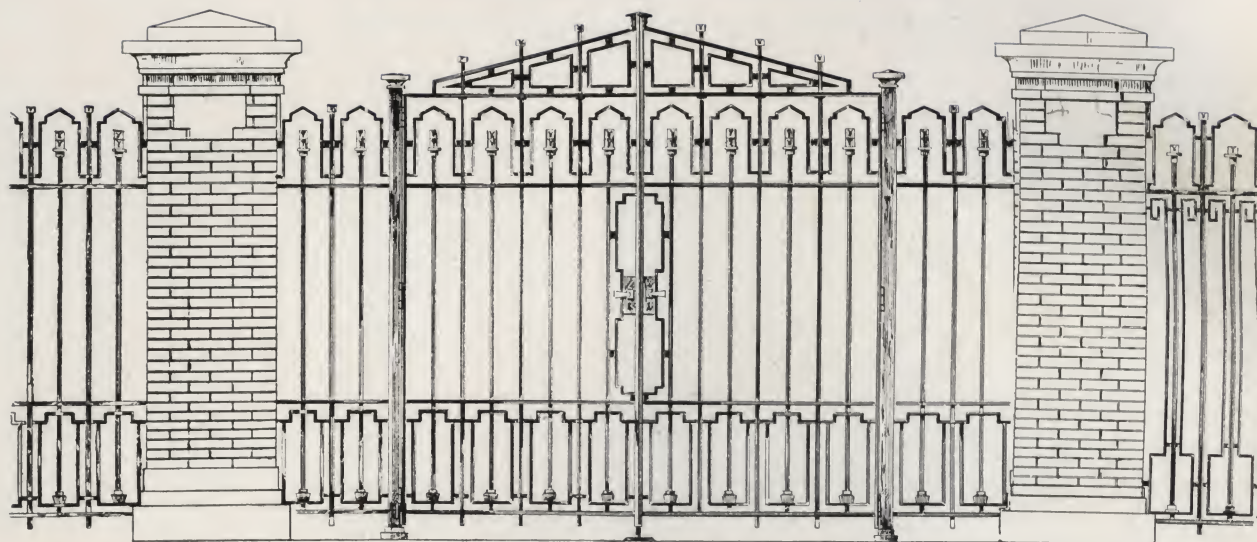




CHICAGO

*The Chain-link Fence Co.*

ILLINOIS



### *Manor Entranceway*

Above drawing shows this beautiful design with a pair of drive gates having permanent panels on each side.

In the photograph at the left this was modified by placing walk gates on each side of the drive gates. This was erected by us on the Lewis & Clarke High School Athletic Field, Spokane, Wash., with 1800 feet of our Style OT Chain-Link fence.



Left. Beautiful 4-rail picket fence with molding along top. Note entire absence of common spike projections at top. Hammered leaf ornamented flat panel posts occur every ten feet.

Right. Beauty and efficiency combined. Close spaced at bottom. Note large angle bottom rail.



Country Club Entrance Way





CHICAGO



ILLINOIS

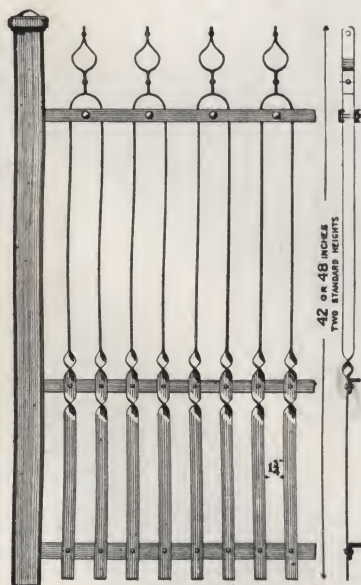


The illustration at left is of gate designed and erected by us for private estate. The style is simple, rugged and well fabricated with the idea of costing minimum for future painting and upkeep and heavy enough to insure long, satisfactory operation. Curved fence panels at both sides give inviting entrance appearance. Three thousand feet of our style OTH fence were furnished this owner and his fence will be there as long as the splendid home exists.

Picture below is of a very plain iron picket fence 5 feet high with angle iron rails. It is around city property where Chain-Link fence was used for sides and rear to provide the greatest property protection with maximum appearance at lowest cost.



### *Everwear Rust-Proof Picket Fence*



purses and needs. We manufacture and offer you a fence which is all of these combined. Built of light sections, strongly riveted and GALVANIZED AFTER FABRICATION,—requires no painting, lasts for scores of years. Posts are set into life-long concrete. 2½ inch square steel corner, end and gate posts. Stone, brick, or concrete piers look well. Note the close spacing at the bottom which will keep out the smallest animals, and the rigid upper pickets, which, unlike light rod fences, cannot be bent.

For community cemeteries it is ideal and for front of residences, very beautiful. Made in sections of about 8 feet long. Cannot sag between posts because of four-rail construction and all joints rigidly soldered in galvanizing. Made only in this one BEST way and only 48 and 42 inches high. Can be set several inches from grade. Covered by our standard guarantee. Single or double gates are made to match.





# Chain - Link

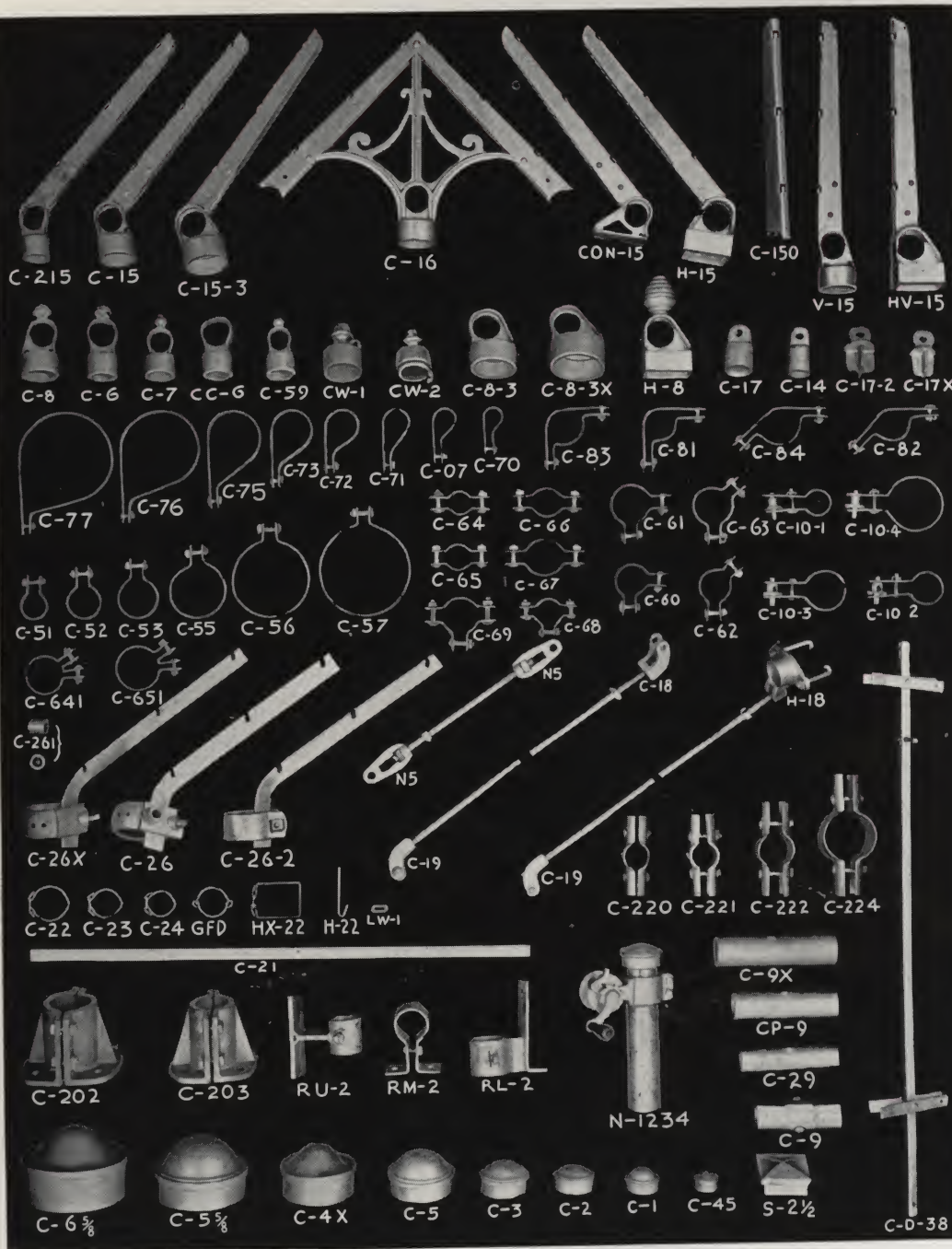
## Fence

Our fittings are made of pressed steel or certified malleable castings. Long experience and costly development work enable us to present a line which is complete and highly adaptable.

Properly designed fittings such as we list are essential in joining and building of good framework for good fences,—and when it is considered that the framework and posts are the BACKBONE of a good fence it will at once be conceived how important these otherwise seemingly minor parts are to the fence as a whole.

In addition to good design and strength is also the factor of rapid installation and for this very reason erectors everywhere prefer our fittings as the time saving value is a very vital feature for their part of the fence business.

Bolts as furnished by us, and which are included with the fit-



### Number and Description RAIL BANDS

C-51	1-9/10" post	.....\$ .09
C-52	2 3/8" post	..... .095
C-53	2 7/8" post	..... .10
C-55	4" post	..... .12
C-56	5 1/2" post	..... .16
C-57	6 1/2" post	..... .22
C-64	1 1/2" post	..... .18
C-66	2 1/2" post	..... .20
C-65	1-9/10" post	..... .19
C-67	2 1/2" post	..... .22
C-61	2 1/2" post	..... .19
C-63	2 1/2" post	..... .22
C-60	2 3/8" post	..... .18
C-62	2 3/8" post	..... .21
C-641	2 3/8" post	..... .25
C-651	2 3/8" post	..... .28
C-69	2 3/8" post	..... .33
C-68	2 3/8" post	..... .30

### Number and Description POST TOPS, to fit over

	Price
C-215	1-9/10" post, 1 1/2" rail.....\$ .64
C-15	2 3/8" post, 1 1/2" rail..... .70
C-15-3)	2 7/8" post, 1 1/2" rail..... .84
C-8-3 )	2 3/8" post, 1 1/2" rail..... .40
C-8-3X	3 1/2" post, 1 1/2" rail..... .50
CON-15	Above three also fit 1-9/10" rail..... .70
C-150	Concrete post, 1 1/2" rail..... .70
V-15	Arm only—galv. .... .28
H-15	2 3/8" post, 1 1/2" rail..... .70
HV-15	H-I post, 1 1/2" rail..... 1.00
C-16	H-I post, 1 1/2" rail..... 1.10
C-6	2 3/8" post, 1 1/2" rail..... 1.50
C-7	1-9/10" post, 1 1/2" rail..... .28
C-8	1-9/10" post, 1 3/8" rail..... .24
CC-6	2 3/8" post, 1 1/2" rail..... .32
CC-8-2	1-9/10" post, 1-9/10" rail..... .30
C-59	2 3/8" post, 1-9/10" rail..... .36
CW-1	1 1/2" post, 1 3/8" rail..... .21
CW-2	1-9/10" post..... .26
H-8	2 3/8" post..... .30
C-6 3/8	H-I post, 1 1/2" rail..... .60
C-5 3/8	6 1/2" post..... 1.60
C-4X	8 1/2" post..... 2.90
C-5	5 1/2" post..... 1.50
C-3	4 1/2" post..... .75

### Number and Description

C-5	4" post	..... .50
C-3	2 7/8" post	..... .26
C-2	2 3/8" post	..... .20
C-1	1-9/10" post	..... .14
C-45	Cap for C-30 & CS-30	..... .08
S-2 1/2	2 1/2" square	..... .56
B-2	2 3/8" square	..... .49

### RAIL ENDS

B-17	.....1 1/2" rail	.....\$ .24
C-17	.....1 1/2" rail	..... .16
C-14	.....1 1/2" rail	..... .12
C-17-2	.....2 3/8" rail	..... .26
C-17x	.....1-9/10" rail	..... .20

### BRACE ROD ENDS

N-5	.....	.....\$ .08
C-18	.....	..... .18
C-19	.....	..... .12
H-18	.....1 1/2" rail	..... .36

### BRACE RODS

C-20	.....	.....\$1.02
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### Number and Description

#### CORNER ARMS WITH COLLARS

C-26x	2 3/8" post, 1 1/2" rail.....	2.20
C-26	2 7/8" post, 1 1/2" rail.....	1.90
C-26-2	2 3/8" post, no rail.....	1.38
C-261	Fits C-26 (2 on ea.).....	.07

#### FABRIC FASTENERS (with lock washers, LW-1)

C-22	46 to 1 lb., Aluminum.....	\$ .036
C-23	58 to 1 lb., Aluminum.....	.032
C-24	68 to 1 lb., Aluminum.....	.028
GFD	20 to 1 lb., "Ductile-Kote".....	.03
HX-22	20 to 1 lb., "Ductile-Kote".....	.03
H-22	96 to 1 lb., Aluminum.....	.016
LW-1	140 to 1 lb., Aluminum.....	.01

#### TENSION BARS

C-21, (9 oz.), price per foot.....	.068
------------------------------------	------

#### RAIL CONNECTORS, to fit over

C-220	1-9/10" post, 1 1/2" rail.....	\$ .38
C-221	1-9/10" post, 1 3/8" rail.....	.42
C-222	2 3/8" post, 1 1/2" rail.....	.46
C-224	2 7/8" post, 1 1/2" rail.....	.54



# Fence Co.

## Fittings

tings, are specially made with thread of bolts and within the nuts so sized, that the threads are thoroughly galvanized and yet work freely. Only hot dip galvanizing is used to insure against rusting. Stress is laid upon this point because other types of coated bolts which cost less soon rust and result in the ruination of what might have been an otherwise high grade fence. This is just a minor detail yet shows the care we use in the making of our fence throughout.

Large stocks are carried for prompt shipment to fence construction companies, and fence builders. Special prices on quantities. All bolts are included.

This list of prices and style numbers cancels and supersedes all previous list of fittings, blue prints, designs and prices and shall become effective January 1, 1931.

### Number and Description

FABRIC BANDS	to fit over	Price
C-77	6 5/8" post	.21
C-76	5 5/8" post	.15
C-75	4" post	.105
C-73	2 7/8" post	.095
C-72	2 3/8" post	.09
C-71	1-9/10" post	.08
C-67	1 1/8" post	.075
C-70	1 1/4" post	.065
C-83	2 7/8" post	.18
C-81	2 3/8" post	.17
C-84	2 7/8" post	.20
C-82	2 3/8" post	.19

### BARBED WIRE RATCHET BANDS

C-10-1	1-9/10" post	.11
C-10-4	4" post	.14
C-10-3	2 7/8" post	.13
C-10-2	2 3/8" post	.12

### Number and Description

#### TOP RAIL SLEEVES (Plain and expansion)

C-9x	1-9/10" rail	.44
CP-9	1 1/8" rail	.34
C-29	1 1/8" rail	.28
C-9	Exp. (2 pieces) 1 1/8" rail	.46

#### POST FLANGES and BRACKETS

C-202	2 3/8" post	\$2.45
C-203	2 7/8" post	2.95
RU-2	2 3/8" post	.70
RM-2	2 3/8" post	.40
RL-2	2 3/8" post	.70

#### TENNIS POST REEL ONLY N-1234

#### "EVERWEAR" GATE CORNERS, fits

C-402	2 3/8" frame	\$1.10
C-40	1-9/10" frame	.80
C-404	1 1/8" frame	.62
C-42	1 1/8" frame	.54

#### GATE TEE, fits over

C-41x	2 3/8" by 1 3/8"	.65
C-41	1-9/10" by 1 3/8"	.52
C-41A	1 1/8" by 1 3/8"	.48
C-41B	1 3/8" by 1 3/8"	.45

#### GATE CROSS—C-49 fits 1 3/8"

C-44	Approx. 3 ft. long	.85
C-43	Approx. 2 ft. long	.70

### Number and Description

#### LATCH STRIKES: Fits

C-48-4	4" post	.90
C-48-3	2 7/8" post	.46
C-48-2	2 3/8" post	.45
C-48-1	1-9/10" post	.32

#### DOUBLE GATE LATCH CONNECTORS:

C-39x	2 7/8" post, 1 3/8" latch bar	.48
C-39	1-9/10" post, 1 3/8" latch bar	.34

#### HINGES: to fit over

C-11-2	2 3/8" post, 1 3/8" frame	.44
C-105-2	2 3/8" post, 1 3/8" frame	.52
C-11-3	2 7/8" post, 1 3/8" frame	.48
C-105-3	2 7/8" post, 1 3/8" frame	.58
W-12-3	2 7/8" post, 1-9/10" frame	1.00
C-12-3U	2 7/8" post, 1-9/10" frame	1.25
C-12-3L	2 7/8" post, 1-9/10" frame	1.30
C-12-4U	4" post, 1-9/10" frame	1.45
C-12-4L	4" post, 1-9/10" frame	1.50
W-12-4	4" post, 1-9/10" frame	1.30
C-12-4X	4 1/2" post, 2 3/8" frame	1.60
C-12-5U	4 1/2" post, 2 3/8" frame	1.60
C-12-5L	4 1/2" post, 2 3/8" frame	1.65
C-12-5XU	5 5/8" post	1.85
C-12-5XL	5 5/8" post	1.95
W-12-6	6 5/8" post, 1-9/10" frame	2.40
C-12-6X	6 5/8" post, 2 3/8" frame	2.60
C-D-12-3U	2 7/8" post, 1-9/10" frame	2.20
C-D-12-3L	2 7/8" post, 1-9/10" frame	2.50
C-12-2AB	2 7/8" post, 1-9/10" frame	2.40
C-D-12-2	2 7/8" post, 1-9/10" frame	2.20

### Number and Description

#### MISCELLANEOUS

"Everwear" Gate Pivot	.48
C-47 Single Gate Latch, 1 3/8" frame	.36
C-D-38 Double Gate Latch, 1 3/8" frame	1.20
C-96 1-9/10" frame clevis	.24
C-32 Latch Fork for 1 3/8" O. D.	.44
CS-38 Sgl. Cantilever Gate Latch	1.60
CS-114 Cantilever Gate Track Connector	.95
C-30 Dble. Swing Gate Latchbar, Height 5 ft.	2.90
CS-30 Cantilever Dbl. Gate Latch Bar, 5 ft.	3.20
C-30 or CH-30 add per ft. height	.15
CS-32 Latch Fork Sliding Gate, Fits 1" pipe	.52
CH-30 Latch Handle	.38
CA-110-3 Sliding Gate Wheel Assembly	6.40
CS-110 Sliding Gate Wheel, only	3.80
CS-115 Sliding Gate Guide	.55
CS-40 Cantilever Gate Corner	1.80
C-38 1-9/10" Sgl. Gate Latch	1.60
C-37 Automatic Gate Back Stop	1.70
C-36 Center Stop	1.60
C-34 Lock Plate fits 1-9/10" frame	.42
C-33 Handle Plate fits 1-9/10" frame	1.04
CS-116 Cantilever Sgl. Gate Latch	.70
TB-1 1/4" Turnbuckle, Galv.	.38
TB-2 3/8" Turnbuckle, Galv.	.54
TB-3 1/2" Turnbuckle, Galv.	.68

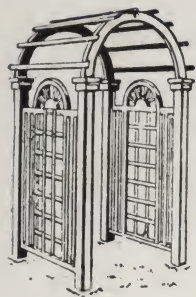




CHICAGO

# The Chain-link Fence Co.

ILLINOIS



## Garden Craft Fence

We are distributors for a very complete line of garden arches, trellises, pergolas, arbors, garden entrances, summer houses, seats, benches, rose ladders, bird baths, bird houses, lattice

fences. In fact a complete line of garden adornment of practical value. All made of clear fir and of the very highest quality. If interested ask for special "GARDEN CRAFT" catalog.

With fence orders we erect these at most nominal charge. Otherwise shipped in the knocked down.



A Beauty Spot in Your Garden

## Summer House

Perhaps the suggestion shown above may present an idea or possibility for beautifying your gardens, or lawns.

Many attractive summer houses of Aromatic Rustic Red Cedar can be built requiring no particular skill in their erection and at a comparatively low cost. Think of the joy the little ones will have in an out-of-door playhouse. Out of doors—in the fresh air and sunshine, where nature can do for them that which no money can ever buy.

An out-of-door playhouse—yes—for the children and grownups, too. For the evening or Sunday meal, for an hour or two quiet recreation, for the afternoon bridge and also satisfying that pride of ownership so completely answering the decorative feature of your estate, whether large or small.

## Enclosures

A most unusual, yet extremely attractive plan of enclosing one's garden, lawn or portion of a yard for a playground, may be had by using Aromatic Red Cedar. Each log will have its natural bark—all the naturalness of nature itself injected into this unique fence treatment.

And best of all, the three features which you should consider are:

**First.** Long life of Aromatic Red Cedar.

**Second.** Ease of construction.

**Third.** Beautiful decorative features.

You know, in days of old, King Solomon bade his workmen bring Cedar for the construction of the Temple, as he knew the enduring worth of this wood.

It is very easy to build enclosures of Aromatic Red Cedar. Just select the design you like. The erection of this style of fence does not require the services of a skilled mechanic.



A Most Unique and Attractive Fence

## Rustic Fences

For privacy and beauty the Rustic Fence of Aromatic Red Cedar has unmatched possibilities.

Whether for city or suburban home sites, country estates, gardens or for that favorite spot, set aside, this closely constructed fence suggests many unusual advantages, besides providing a fence of long life and permanency. Suggested uses for Aromatic Red Cedar fence:

- (a) Enclosures for gardens, tennis courts and playgrounds.
- (b) To conceal portions of house or yard.
- (c) Provides privacy and excludes the stare of those passing by.
- (d) Background for flowers and shrubs.

A Red Heart Cedar Rustic Fence will greatly enhance the beauty of your estate and help you develop that plot in ways you never thought possible.



An Ideal Children's Play-Ground Enclosure

Ask for Rustic Cedar Booklet





CHICAGO



ILLINOIS



## PROMINENT USERS

We list below a few scattered users of our CHAIN-LINK Fences. Many have purchased from us repeatedly,—one has had fourteen fences installed by us. This is the sincerest appreciation of our goods and service.

### ALABAMA

Birmingham—Board of Education.  
Birmingham—City Park Department.

### CALIFORNIA

San Francisco—Metal & Thermit Corp.  
San Francisco—Southern Pacific Golden Gate Ferries.  
Oakland—East Bay Municipal District.

### COLORADO

Denver—Magnus Metal Co.  
Boulder—University of Colorado

### CONNECTICUT

New Haven—Atlantic Refining Co.

### DISTRICT OF COLUMBIA

Washington—De LaSalle University.

### FLORIDA

St. Petersburg—Pinellas County Home.  
St. Petersburg—Pinellas County Jail.  
Gainesville—Florida Power Co.  
Miami—Municipal Airport.

### GEORGIA

Atlanta—State Highway Dept.  
Augusta—Atlantic Refining Co.  
Macon—Bibb Manufacturing Co.  
Columbus—Bibb Manufacturing Co.  
Macon—Atlantic Refining Co.

### IDAHO

Boise—State Highway Department.  
Minidoka—Department of Interior.

### ILLINOIS

Chicago—Board of Education.  
Chicago—Bur. Parks Playgrounds.  
Chicago—South Park Commissioners.  
Chicago—Grant Park (Lake Front Auto Park)  
Chicago—American Hide & Leather Co.  
Chicago—Illinois Central R.R. Co.  
Chicago—Grand Trunk Western R.R. Freight Terminal.  
Chicago—Loyola University.  
Chicago—Lorenz Knitting Mills.  
Springfield—Department of Conservation, State Fair.  
Normal—Illinois State Normal University.

### INDIANA

Bloomington—Miller Park Zoo.  
Elgin—Board of Education.  
Wheeling—Sportsmen Golf & Country Club.  
Dundee—Sky Harbor Airport.  
Maywood—U. S. Veterans' Hospital (Hines).  
Anderson—Anderson Knife & Bar Works.  
Warsaw—Warsaw Grain & Milling Co.  
Laporte—Laporte Woolen Mills.  
Hammond—Standard Steel Car Corp.

### KENTUCKY

Louisville—Buckeye Cotton Oil Co.

### LOUISIANA

Lake Charles—Louisiana Electric Co.  
Jennings—Louisiana Electric Co.

### MARYLAND

Baltimore—City Park Department.  
Baltimore—Spring Grove Hospital.

### MICHIGAN

Detroit—Municipal Airport.  
Detroit—Board of Education.  
Detroit—Board of Election Commissioners.  
Detroit—Wabash R.R. Russell Street Terminal.  
Detroit—University of Detroit Stadium.  
Lansing—State Biological Farm.  
Ann Arbor—University of Michigan Botanical Gardens.  
Ann Arbor—University of Michigan Observatory.  
Battle Creek—U. S. Register Company.  
Kalamazoo—Checker Cab Manufacturing Corp.  
Rockland—Copper District Power Co.  
Hamtramck—Hamtramck Schools.  
Highland Park—Board of Education.

### MONTANA

Augusta—Bureau of Reclamation.

### MINNESOTA

Minneapolis—University of Minnesota Athletic Field.  
Minneapolis—Park Department.

### MISSISSIPPI

Jackson—Royster Guano Company.

### MASSACHUSETTS

Boston—City Park Department.  
Boston—B. & W. Railway.  
Boston—State Highway Department.  
Salem—New England Telephone & Telegraph Co.  
Salem—City of Salem.  
Medford—Massachusetts State Armory.  
Brookline—Park Department.

### MISSOURI

Springfield—Springfield City Water Co.  
St. Louis—Proctor & Gamble Co.

### NEW JERSEY

Haddon Heights—New Jersey Water Co.  
Camden—Peerless Pearl Co.

### NEW YORK

Schenectady—Richfield Oil Corporation of New York.  
Binghamton—Pine Street School.  
Buffalo—Houghton Park.  
East Aurora—Erie County Yards.  
East Lancaster—Erie County Yards.  
Brooklyn—Bronx Park.

### NEW MEXICO

Espanola—Mr. Frank Bond.  
Bernalillo—Rancho Rea Estate.

### NORTH CAROLINA

Raleigh—State Highway Department.  
Charlotte—Royster Guano Co.

### NEW HAMPSHIRE

Exeter—Phillips Exeter Academy.  
Concord—Concord Water Works.

### OHIO

Columbus—O'Shaughnessey Dam Zoo Park.  
Columbus—State Highway Department.

### OKLAHOMA

Pauls Valley—State Training School.

### PENNSYLVANIA

Scranton—Atlantic Refining Co.  
Scranton—Glen Alden Coal Co.  
Philadelphia—Philadelphia Gas Works Co.  
Philadelphia—Philadelphia Electric Co.  
Philadelphia—Crane Company.  
Philadelphia—Atlantic Refining Co.  
Philadelphia—Standard Coal & Ice Co.

### RHODE ISLAND

Providence—Richfield Oil Corporation of New York.

### SOUTH CAROLINA

Greenwood—State Fair Grounds.

### TENNESSEE

Memphis—Southern Cotton Oil Co.

### TEXAS

Sherman—City of Sherman.  
Beaumont—Magnolia Petroleum Co.  
Port Arthur—Gulf Refining Co.  
El Paso—Pasotex Petroleum Co.  
Beaumont—Beaumont Baseball Club Park.

### UTAH

Salt Lake City—University of Utah.  
Salt Lake City—Growers Market.  
Provo—Brigham Young University.

### VIRGINIA

Norfolk—F. S. Royster Guano Co.  
Norfolk—City of Norfolk.  
Richmond—Department of Highways.  
Roanoke—Norfolk & Western Railway.

### WASHINGTON

Seattle—Park Commissioners.  
Spokane—Board of Education.

### WEST VIRGINIA

Alderson—U. S. Federal Institute for Women.

### WISCONSIN

Milwaukee—City of Milwaukee Parks.  
Cudahy—Park Commissioners.  
Appleton—St. Elizabeth's Hospital.  
Rhineland—Rhineland Paper Co.  
Lacrosse—Board of Park Commissioners.

### WYOMING

Casper—Teapot Dome U. S. N. P. Reserve.  
Lingle—Department of Interior.  
Guernsey—Bureau of Reclamation.





# INDEX



	PAGE
Title .....	1
Where Fence is Used .....	2
Fabrics—	
"DUCTILE-KOTE" .....	3
"ALUMINUM-ALLOY" .....	3
"COPPER-WELD" .....	3
"GAL. AFTER" .....	4
"GALVANNEALED" .....	4
"HERCULES H-I" beam posts .....	5
CHAIN-LINK Fences with Hercules Posts .....	6-9
CHAIN-LINK Fences with Double Barb Wire Arms .....	10
CHAIN-LINK Fences with Single Barb Wire Arms .....	11-14
CHAIN-LINK Fences without Barbed Wire .....	15-20
CHAIN-LINK Tennis Court Fences .....	20-22
CHAIN-LINK Baseball Fences .....	23
CHAIN-LINK Animal Fences and Cages, Kennels .....	24
CHAIN-LINK Roof Garden Fences .....	25
Cantilever Sliding Gates .....	26
Swing Gates, single and double .....	27-29
Slide Gates, with overhead track .....	29
Residential Lawn and Garden Fence and Gates .....	30-31
Miscellaneous Low Cost Fences .....	32
Gate Construction Details .....	33
Fence Construction Details .....	34
Post Construction Details, Weights, Diameters, etc. ....	35
Portable and Removable Fence Sections .....	36
Roof Signs .....	36
Partition Panel Sections .....	37
Concrete Reinforced Post Fences, Wire and Wood .....	38
Expert Erection .....	39-40
How to Make Diagram and Order Fence .....	40
Information We Need to Quote Intelligently .....	40
Guard Fencing for Highways, Bridges, Piers .....	41
Ornamental Iron Picket Gates and Fence .....	42-43
"EVERWEAR" Rustproof Picket Fence .....	43
FENCE FITTINGS .....	44-45
Rustic Fence and Garden Craft Furniture .....	46
Prominent Users in Every State .....	47
Index .....	48



Mr Char Ruter

TO G. H. VAN KEUREN, DR.,  
GENERAL HARDWARE

July	25	1 Keg 3d. Gal. Nails		3.45
	31	1 " 20d. can. Nails		2.25
Aug	10	1 " 8d. "		2.35
	17	1 " 10d. "	2.30	
		1 " 3d. Gal. "	3.45	5.75
	18	20 # 3d. cut Nails		60
	25	1 Keg 20d. Nails	2.25	
		1 " 8d. "	2.35	
		1 " 3d. Gal. "	3.45	8.05
Sept	<del>14</del>	67 # Fast wire c 2 3/4		1.85
	14	2 Kegs 8d. Nails c 2.35	4.70	
		1 " 3d. Gal. Nails	3.45	8.15
	24	1 " 6d. Nails	2.35	
		3 1/4 # 1d. iron c 4	.13	2.48
Oct	8	1 Keg 60d. Nails	2.25	
		1 " 10d. "	2.30	
		1 " 8d. "	2.35	6.90
	13	2 Sad iron hdk c 16		16
				41.99





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**" Aluminum - Alloy "**  
**DUCTALUMIN**  
**FABRIC**

A product of metallurgical skill which embodies strength and totally eliminates detrimental rust or corrosion; does away with upkeep cost for paint; withstands action of acid fumes as well as all climatic conditions.

**MECHANICAL PROPERTIES**

Tensile strength .....	55 to 63,000 lbs.
Yield Point .....	30 to 40,000 lbs.
Elongation, percentage in 2 inches .....	18 to 25%
Brinell Hardness, 500 Kg. load—10Mm. ball .....	90 to 105

**NOMINAL COMPOSITION**

Pure Aluminum .....	94.5 plus
Copper .....	4.
Manganese .....	.5
Magnesium .....	.5
Silicon and iron, inherent traces, estimated .....	.5
	100.

Made in No. 9 W. & M. ga.: (.1483) wire 2-inch mesh or many other mesh and wire sizes to order.

Unequalled, when used with our Reinforced  
 Concrete Posts — EVERLASTING — See Page 38



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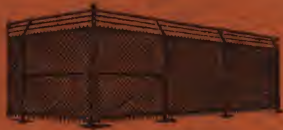
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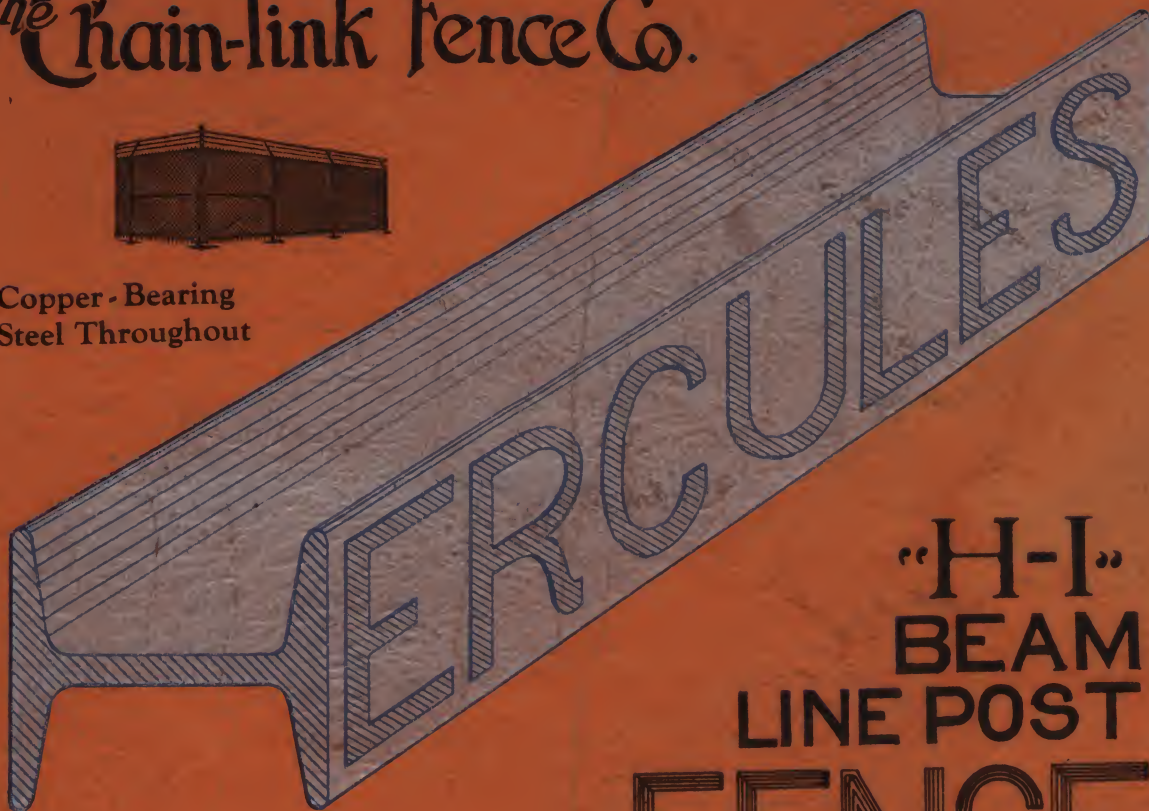
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*The* Chain-link Fence Co.



Copper - Bearing  
Steel Throughout



"H-I"  
BEAM  
LINE POST  
FENCE

STRONGER --- LARGER --- HEAVIER

Specifications, Weights, Analysis --- Pages 5 to 9

